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ROSE'S
HAND-BOOK
OF
THINGS WORTH KNOWING,

COMPRISING

INTEREST AND STATISTICAL TABLES,

AND OTHER MATTER USEFUL FOR

Mechanics, Merchants, Editors, Lawyers, Printers, Doctors, Farmers,
Bankers, Bookkeepers, Politicians, Housekeepers, and
all classes of workers in every department
of human effort.

COMPILED BY

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THINGS WORTH KNOWING.

Items for Daily Remembrance.

LEGAL BREVITIES.—A note dated on Sunday is void. A note obtained by fraud, or from one intoxicated, is void. If a note be lost or stolen, it does not release the maker, he must pay it. An endorser of a note is exempt from liability, if not served with notice of its dishonour within 24 hours of its non-payment. A note by a minor is void. Notes bear interest only when so stated. Principals are responsible for the whole amount of the debts of the firm. Ignorance of the law excuses no one. It is a fraud to conceal a fraud. It is illegal to compound a felony. The law compels no one to do impossibilities. An agreement without a consideration is void. Signatures in lead pencil are good in law. A receipt for money is not legally conclusive. The acts of one partner bind all the others. Contracts made on Sunday cannot be enforced. A contract with a minor is void. A contract made with a lunatic is void. Written contracts concerning land must be under seal.

ON PROFANE SWEARING.—Let every man do his best to discountenance this abominable habit and shun it as an accursed sin in every possible way. No respectable person will allow himself to be guilty of it. Business men who make a practice of it will find themselves avoided by the best class of customers, for I know that some persons can suffer no mental punishment equal to that inflicted by being compelled to listen to profane language. Besides every man known as a profane swearer, will not be credited by those whose good opinion is worth having, even when he may be speaking the truth.

ACT WELL YOUR PART, DON'T BE SELFISH.—Remember that it is by imparting happiness to others and making ourselves useful, always keep doing something useful for the common good, doing it well, and acting sincerely. Endeavour to keep your heart in the attitude of cherishing good will to all, thinking and speaking evil of no one, and always with a kind word for every body. Selfishness is its own curse; it is a starving vice. The man who does no good gets none. He is like the heath in the desert, neither yielding fruit nor seeing when good cometh, a stunted, dwarfish, miserable shrub. Let all your influence be exerted for the purpose of doing all you can for the common good and individual welfare of every one.

MARRIED LIFE, ITS JOYS AND SORROWS.—A good wife is the greatest earthly blessing. A wife never makes a greater mistake

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than when she endeavours to coerce her husband with other weapons than those of love and affection. Those weapons are a sure pull if he has any thing human left in him. Forbear mutual upbraidings. In writing letters, during temporary separation, let nothing contrary to love and sincere affection be expressed; such letters from a wife have a most powerful emotional effect, sometimes little understood by those who write them. It is the mother who moulds the character and destiny of the child as to the exteriors, therefore, let calmness, peace, affection, and firmness rule her conduct towards her children. Children are great imitators, whether they have scolding or peaceful mothers, they are generally sure to learn from the examples set before them, and thus the consequent joy or sorrow is transferred to other families, therefore let mothers take heed to their conduct. It is not possible to exercise judgment and prudence too much before entering on the married life. Be sure that the affections on both sides are so perfectly intertwined around each other, that the two as it were, form one mind; this requires time, and a thorough mutual knowledge on both sides. Bend your whole powers to avoid deprecatory remarks, jibing and anger in every form, and specially avoid everlastingly dishing up any unsuccessful past action that was done from a good motive and with the best intentions at the time. Let nothing foreign to the spirit of love and mutual affection intervene to cause distance between husband and wife; to this end let self-denial rule over each, and reciprocal unselfishness. Avoid habitual fault-finding, scolding, &c., as you would perdition itself; many men tremble as they cross their threshold into the presence of scolding wives. Let husband and wife cultivate habits of sobriety, and specially avoid drunkenness in every form. What a dreadful spectacle it is to see a husband transformed into a demon, tottering homeward to a broken hearted wife, whose noble self-sacrificing devotion to him seems to partake more of the nature of heaven than of earth. Never part, even for a journey, without kind and endearing words, and as a kiss symbolizes union from interior affection, do not dispense with it on such occasions, repeating it when you return. In one word, let love rule supreme.

CHILDREN AND HOME CONVERSATION.—Children hunger perpetually for new ideas. They will learn with pleasure from the lips of parents what they deem drudgery to learn from books, and even if they have the misfortune to be deprived of many educational advantages they will grow up intelligent if they enjoy in childhood the privilege of listening to the conversation of intelligent people. Let them have many opportunities of learning in this way. Be kind to them, and don't think it beneath you to answer their little questions, for they proceed from an implanted faculty which every true man and woman should take a great delight in gratifying.

HOME AFTER BUSINESS HOURS.—Happy is the man who can find that solace and that poetry at home. Warm greetings from loving hearts, fond glances from bright eyes, and welcome shouts of merry hearted children, the many thousand little arrangements for comfort and enjoyment, that silently tell of thoughtful and expectant love,

these are the ministrations that reconcile us to the prose of life. Think of this ye wives and daughters of business men! Think of the toils and anxieties, the mortification and wear that fathers undergo to secure for you comfortable homes, and compensate them for their toils by making them happy by their own fireside.

WELL WORTHY OF IMITATION.—A worthy Quaker thus wrote:—“I expect to pass through this world but once. If, therefore, there be any kindness I can do to any fellow being, let me do it now, let me not defer nor neglect it, for I will not pass this way again.” Were all to act thus how many would be made happy?

TABLE CONVERSATION.—Instead of swallowing your food in sullen silence, or brooding over your business, or severely talking about others, let the conversation at the table be genial, kind, social and cheering. Don't bring any disagreeable subject to the table in your conversation, any more than you would in your dishes. Avoid scandalizing people, and never cherish a jubilant feeling over the infirmities or misfortunes of others. The more good company you have at your table the better. Hence the intelligence, refinement and appropriate behaviour of a family given to hospitality. Never feel that intelligent visitors can be anything but a blessing to you and yours.

KEEP THE HOUSE CLEAN AND WELL VENTILATED.—A neat, clean, fresh aired, sweet, cheerful, well arranged house, exerts a moral influence over its inmates, and makes the members of a family peaceable and considerate of each other's feelings. On the contrary, a filthy squalid, noxious dwelling, contributes to make its inhabitants selfish, sensual, and regardless of the feelings of others. Never sleep in a small close bedroom, either during summer or winter without free ventilation from door or windows, unless otherwise supplied with abundance of fresh air. It will be seen that a person's house usually corresponds with his character.

SAFE BUSINESS RULES.—Business men, in business hours, attend only to business matters. Social calls are best adapted to the social circle. Make your business known in few words, without loss of time. Let your dealings with a stranger be most carefully considered, and tried friendship duly appreciated. A mean act will soon recoil, and a man of honour will be esteemed. Leave “Tricks of Trade” to those whose education was never completed. Treat all with respect, confide in few, wrong no man. Be never afraid to say No, and always prompt to acknowledge and rectify a wrong. Leave nothing for to-morrow that should be done to-day. Because a friend is polite, do not think his time is valueless. Have a place for everything, and everything in its place. To preserve long friendship, keep a short credit, the way to get credit is to be punctual; the way to preserve it is not to use it much. Settle often; have short accounts. Trust no man's appearances, they are often deceptive, and assumed for the purpose of obtaining credit. Rogues generally dress well. The rich are generally plain men. Be well satisfied before you give a credit, that those to whom you give it are safe men to be trusted.

The A B C Interest Tables.*

These tables are the most compact and simple ever introduced. The Interest can be found on any sum from \$1.00 to \$10,000.00, and on any larger amounts by adding the necessary ciphers.

THE APPLICATION.

In the Interest column take the figures under the same letters as are over the Principal. The figures in the interest column are cents.

EXAMPLE.

Find the interest on \$1,976.00 for 58 days at 7 per cent.

PRINCIPAL.					INTEREST.				
	under	A	B	C D	Under	A	B	C D	
\$1,000.00	under	A	B	C D	Under	A	B	C D	\$11.12
900.00	"	A	B	C	"	A	B	C	10.01
70.00	"	A	B		"	A	B		.78
6.00	"	A			"	A			.06
<hr/>					<hr/>				
\$1,976.00									\$21.97

The only objection, so far as we know, that can be raised against our method is that in ordinary tables the Principal would have been obtained by taking only three amounts—viz: \$1,000.00, \$900.00 and \$76.00; but this, we think, is far more than counterbalanced by the time lost in tracing the amounts over a whole page.

ADVANTAGES OF THE A B C SYSTEM.

I. Any sum can be found within the compass of 9 lines, instead of 118 lines in "Sansum's" and other tables.

II. Each page of our tables comprises 24 days, and the whole table covers 18 pages. In other tables a page contains only 5 days and the whole table occupies 73 pages. Ours being, therefore, *four times more readily referred to.*

III. In our tables the number of days, the Principal and the Interest are immediately under the eye at the same time. In "Sansum's" and other tables it is necessary constantly to refer to the number of days at the head of the page and follow the column to the place opposite the Principal required. *This means loss of time and the risk of inaccuracy.*

On the next page the table is set up in the usual way. A comparison of the two methods will, we believe, confirm our claims as to the merits of the new.

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INTEREST AT 7 PER CENT—FROM 51 TO 54 DAYS.

From \$1 to \$10,000.

Princ.	51	52	53	54	Princ.	51	52	53	54	Princip'l	51	52	53	54				
	c.	c.	c.	c.		c.	c.	c.	c.		\$	c.	\$	c.	\$	c.	\$	c.
1	00	00	01	01	41	40	40	41	42	81	79	80	82	83	83	83	83	83
2	01	01	02	02	42	41	41	42	43	82	80	81	83	84	84	84	84	84
3	02	02	03	03	43	42	42	43	44	83	81	82	84	85	85	85	85	85
4	03	03	04	04	44	43	43	44	45	84	82	83	85	86	86	86	86	86
5	04	04	05	05	45	44	44	45	46	85	83	84	86	87	87	87	87	87
6	05	05	06	06	46	44	45	46	47	86	84	85	87	88	88	88	88	88
7	06	06	07	07	47	45	46	47	48	87	85	86	88	89	89	89	89	89
8	07	07	08	08	48	46	47	48	49	88	86	87	89	90	90	90	90	90
9	08	08	09	09	49	47	48	49	50	89	87	88	90	91	91	91	91	91
10	09	09	10	10	50	48	49	50	51	90	88	89	91	92	92	92	92	92
11	10	10	11	11	51	49	50	51	52	91	89	90	92	93	93	93	93	93
12	11	11	12	12	52	50	51	52	53	92	89	91	93	94	94	94	94	94
13	12	12	13	13	53	51	52	53	54	93	90	92	94	95	95	95	95	95
14	13	13	14	14	54	52	53	54	55	94	91	93	95	96	96	96	96	96
15	14	14	15	15	55	53	54	55	56	95	92	94	96	97	97	97	97	97
16	15	15	16	16	56	54	55	56	57	96	93	95	97	98	98	98	98	98
17	16	16	17	17	57	55	56	57	58	97	94	96	98	99	99	99	99	99
18	17	17	18	18	58	56	57	58	59	98	95	97	99	1 00	1 00	1 00	1 00	1 00
19	18	18	19	19	59	57	58	59	60	99	96	98	1 00	1 01	1 01	1 01	1 01	1 01
20	19	19	20	20	60	58	59	60	61	100	97	99	1 01	1 02	1 02	1 02	1 02	1 02
21	20	20	21	21	61	59	60	61	62	200	1 95	1 99	2 03	2 07	2 07	2 07	2 07	2 07
22	21	21	22	22	62	60	61	62	63	300	2 92	2 99	3 04	3 10	3 10	3 10	3 10	3 10
23	22	22	23	23	63	61	62	63	64	400	3 91	3 98	4 06	4 14	4 14	4 14	4 14	4 14
24	23	23	24	24	64	62	63	64	65	500	4 89	4 98	5 08	5 17	5 17	5 17	5 17	5 17
25	24	24	25	25	65	63	64	65	66	600	5 86	5 98	6 09	6 21	6 21	6 21	6 21	6 21
26	25	25	26	26	66	64	65	66	67	700	6 84	6 98	7 11	7 24	7 24	7 24	7 24	7 24
27	26	26	27	27	67	65	66	67	68	800	7 82	7 97	8 13	8 28	8 28	8 28	8 28	8 28
28	27	27	28	28	68	66	67	68	69	900	8 80	8 97	9 14	9 32	9 32	9 32	9 32	9 32
29	28	28	29	29	69	67	68	69	70	1,000	9 78	9 97	10 16	10 35	10 35	10 35	10 35	10 35
30	29	29	30	30	70	68	69	70	71	2,000	19 56	19 94	20 32	20 71	20 71	20 71	20 71	20 71
31	30	30	31	31	71	69	70	71	72	3,000	29 34	29 91	30 49	31 06	31 06	31 06	31 06	31 06
32	31	31	32	32	72	70	71	72	73	4,000	39 12	39 89	40 64	41 42	41 42	41 42	41 42	41 42
33	32	32	33	33	73	71	72	73	74	5,000	48 90	49 86	50 82	51 78	51 78	51 78	51 78	51 78
34	33	33	34	34	74	72	73	74	75	6,000	58 68	58 83	60 98	62 63	62 63	62 63	62 63	62 63
35	34	34	35	35	75	73	74	75	76	7,000	68 46	69 80	71 15	72 49	72 49	72 49	72 49	72 49
36	35	35	36	36	76	74	75	76	77	8,000	78 24	79 78	81 31	82 84	82 84	82 84	82 84	82 84
37	36	36	37	37	77	75	76	77	78	9,000	88 02	89 75	91 47	93 20	93 20	93 20	93 20	93 20
38	37	37	38	38	78	76	77	78	79	10,000	97 80	99 72	101 65	103 52	103 52	103 52	103 52	103 52
39	38	38	39	39	79	77	78	79	80									
40	39	39	40	40	80	78	79	80	81									
41			41	41	81	79	80	81	82									

INTEREST at 7 per cent, 1 to 24 days.

PRINCIPAL.	1 day	2 days	3 days	4 days	5 days	6 days	7 days	8 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	19	38	57	76	95	115	134	153
2 0 0 0	38	76	115	153	191	230	268	306
3 0 0 0	57	115	172	230	287	345	402	460
4 0 0 0	76	153	230	306	383	460	537	613
5 0 0 0	95	191	287	383	479	575	671	767
6 0 0 0	115	230	345	460	575	690	805	920
7 0 0 0	134	268	402	537	671	805	939	1074
8 0 0 0	153	306	460	613	767	920	1074	1227
9 0 0 0	172	345	517	690	863	1035	1208	1380

PRINCIPAL.	9 days	10 days	11 days	12 days	13 days	14 days	15 days	16 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	172	191	211	230	249	268	387	306
2 0 0 0	345	383	421	460	498	537	575	613
3 0 0 0	517	575	633	690	747	805	863	920
4 0 0 0	690	767	843	920	997	1074	1150	1227
5 0 0 0	863	958	1054	1150	1246	1342	1438	1534
6 0 0 0	1035	1150	1265	1380	1495	1611	1726	1841
7 0 0 0	1208	1342	1476	1611	1745	1879	2013	2147
8 0 0 0	1380	1534	1687	1841	1994	2147	2301	2454
9 0 0 0	1563	1726	1898	2071	2243	2416	2589	2761

PRINCIPAL.	17 days	18 days	19 days	20 days	21 days	22 days	23 days	24 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	326	345	364	383	402	421	441	460
2 0 0 0	652	690	728	767	805	843	882	920
3 0 0 0	978	1035	1093	1150	1208	1265	1323	1380
4 0 0 0	1304	1380	1457	1534	1611	1687	1764	1841
5 0 0 0	1630	1726	1821	1917	2013	2109	2205	2301
6 0 0 0	1956	2071	2186	2301	2416	2531	2646	2761
7 0 0 0	2282	2416	2550	2684	2819	2953	3087	3221
8 0 0 0	2608	2761	2915	3068	3221	3375	3528	3682
9 0 0 0	2934	3106	3279	3452	3624	3797	3969	4142

INTEREST at 7 per cent, 25 to 48 days.

PRINCIPAL.	25 days	26 days	27 days	28 days	29 days	30 days	31 days	32 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 7 9	4 9 8	5 1 7	5 3 7	5 5 6	5 7 5	5 9 4	6 1 3
2 0 0 0	9 5 8	9 9 7	1 0 3 5	1 0 7 4	1 1 1 2	1 1 5 0	1 1 8 9	1 2 2 7
3 0 0 0	1 4 3 8	1 4 9 5	1 5 5 3	1 6 1 1	1 6 6 8	1 7 2 6	1 7 8 3	1 8 4 1
4 0 0 0	1 9 1 7	1 9 9 4	2 0 7 1	2 1 4 7	2 2 2 4	2 3 0 1	2 3 7 8	2 4 5 4
5 0 0 0	2 3 9 7	2 4 9 3	2 5 8 9	2 6 8 4	2 7 8 0	2 8 7 6	2 9 7 2	3 0 6 8
6 0 0 0	2 8 7 6	2 9 9 1	3 1 0 6	3 2 2 1	3 3 3 7	3 4 5 2	3 5 6 7	3 6 8 2
7 0 0 0	3 3 5 6	3 4 9 0	3 6 2 4	3 7 5 8	3 8 9 3	4 0 2 7	4 1 6 1	4 2 9 5
8 0 0 0	3 8 3 5	3 9 8 9	4 1 4 2	4 2 9 5	4 4 4 9	4 6 0 2	4 7 5 6	4 9 0 9
9 0 0 0	4 3 1 5	4 4 8 7	4 6 6 0	4 8 3 2	5 0 0 5	5 1 7 8	5 3 5 0	5 5 2 3

PRINCIPAL.	33 days	34 days	35 days	36 days	37 days	38 days	39 days	40 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 3 2	6 5 2	6 7 1	6 9 0	7 0 9	7 2 8	7 4 7	7 6 7
2 0 0 0	1 2 6 5	1 3 0 4	1 3 4 2	1 3 8 0	1 4 1 9	1 4 5 7	1 4 9 5	1 5 3 4
3 0 0 0	1 8 9 8	1 9 5 6	2 0 1 3	2 0 7 1	2 1 2 8	2 1 8 6	2 2 4 3	2 3 0 1
4 0 0 0	2 5 3 1	2 6 0 8	2 6 8 4	2 7 6 1	2 8 3 8	2 9 1 5	2 9 9 1	3 0 6 8
5 0 0 0	3 1 6 4	3 2 6 0	3 3 5 6	3 4 5 2	3 5 4 7	3 6 4 3	3 7 3 9	3 8 3 5
6 0 0 0	3 7 9 7	3 9 1 2	4 0 2 7	4 1 4 2	4 2 5 7	4 3 7 2	4 4 8 7	4 6 0 2
7 0 0 0	4 4 3 0	4 5 6 4	4 6 9 8	4 8 3 2	4 9 6 7	5 1 0 1	5 2 3 5	5 3 6 9
8 0 0 0	5 0 6 3	5 2 1 6	5 3 6 9	5 5 2 3	5 6 7 6	5 8 3 0	5 9 8 3	6 1 3 7
9 0 0 0	5 6 9 5	5 8 6 8	6 0 4 1	6 2 1 3	6 3 8 6	6 5 5 8	6 7 3 1	6 9 0 4

PRINCIPAL.	41 days	42 days	43 days	44 days	45 days	46 days	47 days	48 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 8 6	8 0 5	8 2 4	8 4 3	8 6 3	8 8 2	9 0 1	9 2 0
2 0 0 0	1 5 7 2	1 6 1 1	1 6 4 9	1 6 8 7	1 7 2 6	1 7 6 4	1 8 0 2	1 8 4 1
3 0 0 0	2 3 5 8	2 4 1 6	2 4 7 4	2 5 3 1	2 5 8 9	2 6 4 6	2 7 0 4	2 7 6 1
4 0 0 0	3 1 4 5	3 2 3 1	3 2 9 8	3 3 7 5	3 4 5 2	3 5 2 8	3 6 0 5	3 6 8 2
5 0 0 0	3 9 3 1	4 0 2 7	4 1 2 3	4 2 1 9	4 3 1 5	4 4 1 1	4 5 0 6	4 6 0 2
6 0 0 0	4 7 1 7	4 8 3 2	4 9 4 7	5 0 6 3	5 1 7 8	5 2 9 3	5 4 0 8	5 5 2 3
7 0 0 0	5 5 0 4	5 6 3 8	5 7 7 2	5 9 0 6	6 0 4 1	6 1 7 5	6 3 0 9	6 4 4 3
8 0 0 0	6 2 9 0	6 4 4 3	6 5 9 7	6 7 5 0	6 9 0 4	7 0 5 7	7 2 1 1	7 3 6 4
9 0 0 0	7 0 7 6	7 2 4 9	7 4 2 1	7 5 9 4	7 7 6 7	7 9 3 9	8 1 1 2	8 2 8 4

INTEREST at 7 per cent, 49 to 70 days.

PRINCIPAL.	49 days	50 days	51 days	52 days	53 days	54 days	55 days	56 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	939	958	978	997	1019	1035	1054	1074
2 0 0 0	1879	1917	1956	1994	2032	2071	2109	2148
3 0 0 0	2819	2876	2934	2991	3049	3106	3164	3221
4 0 0 0	3758	3835	3912	3989	4065	4142	4219	4295
5 0 0 0	4698	4794	4890	4986	5082	5178	5274	5369
6 0 0 0	5638	5753	5868	5983	6098	6213	6328	6443
7 0 0 0	6578	6712	6846	6980	7115	7249	7383	7517
8 0 0 0	7517	7671	7824	7978	8131	8280	8438	8591
9 0 0 0	8457	8630	8802	8975	9147	9320	9493	9665

PRINCIPAL.	57 days	58 days	59 days	60 days	61 days	62 days	63 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1093	1112	1131	1150	1169	1189	1208
2 0 0 0	2186	2284	2263	2301	2339	2378	2416
3 0 0 0	3279	3337	3394	3452	3509	3567	3624
4 0 0 0	4372	4449	4526	4602	4679	4756	4832
5 0 0 0	5465	5561	5657	5753	5849	5945	6041
6 0 0 0	6558	6674	6789	6904	7019	7134	7249
7 0 0 0	7652	7786	7920	8054	8189	8323	8457
8 0 0 0	8745	8898	9052	9205	9358	9512	9665
9 0 0 0	9838	10011	10183	10356	10528	10701	10874

PRINCIPAL.	64 days	65 days	66 days	67 days	68 days	69 days	70 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1227	1246	1265	1284	1304	1323	1342
2 0 0 0	2454	2493	2531	2569	2608	2646	2684
3 0 0 0	3682	3739	3797	3854	3912	3969	4027
4 0 0 0	4909	4986	5063	5139	5216	5293	5369
5 0 0 0	6137	6232	6328	6424	6520	6616	6712
6 0 0 0	7364	7479	7594	7709	7824	7939	8054
7 0 0 0	8591	8726	8860	8994	9128	9263	9397
8 0 0 0	9819	9972	10126	10279	10432	10586	10739
9 0 0 0	11046	11219	11391	11564	11737	11909	12082

INTEREST at 7 per cent, 71 to 91 days.

PRINCIPAL.	71 days	72 days	73 days	74 days	75 days	76 days	77 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1 3 6 1	1 3 8 0	1 4 0 0	1 4 1 9	1 4 3 8	1 4 5 7	1 4 7 6
2 0 0 0	2 7 2 3	2 7 6 1	2 8 0 0	2 8 3 8	2 8 7 6	2 9 1 5	2 9 5 3
3 0 0 0	4 0 8 4	4 1 4 2	4 2 0 0	4 2 5 7	4 3 1 5	4 3 7 2	4 4 3 0
4 0 0 0	5 4 4 6	5 5 2 3	5 6 0 0	5 6 7 6	5 7 5 3	5 8 3 0	5 9 0 6
5 0 0 0	6 8 0 8	6 9 0 4	7 0 0 0	7 0 9 5	7 1 9 1	7 2 8 7	7 3 8 3
6 0 0 0	8 1 6 9	8 2 8 4	8 4 0 0	8 5 1 5	8 6 3 0	8 7 4 5	8 8 6 0
7 0 0 0	9 5 3 1	9 6 6 5	9 8 0 0	9 9 3 4	10 0 6 8	10 2 0 2	10 3 3 7
8 0 0 0	10 8 9 3	11 0 4 6	11 2 0 0	11 3 5 3	11 5 0 6	11 6 6 0	11 8 1 3
9 0 0 0	12 2 5 4	12 4 2 7	12 6 0 0	12 7 7 2	12 9 4 5	13 1 1 7	13 2 9 0

PRINCIPAL.	78 days	79 days	80 days	81 days	82 days	83 days	84 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1 4 9 5	1 5 1 5	1 5 3 4	1 5 5 3	1 5 7 2	1 5 9 1	1 6 1 1
2 0 0 0	2 9 9 1	3 0 3 0	3 0 6 8	3 1 0 6	3 1 4 5	3 1 8 3	3 2 2 1
3 0 0 0	4 4 8 7	4 5 4 5	4 6 0 2	4 6 6 0	4 7 1 7	4 7 7 5	4 8 3 2
4 0 0 0	5 9 8 3	6 0 6 0	6 1 3 7	6 2 1 3	6 2 9 0	6 3 6 7	6 4 4 3
5 0 0 0	7 4 7 9	7 5 7 5	7 6 7 1	7 7 6 7	7 8 6 3	7 9 5 8	8 0 5 4
6 0 0 0	8 9 7 5	9 0 9 0	9 2 0 5	9 3 2 0	9 4 3 5	9 5 5 0	9 6 6 5
7 0 0 0	10 4 7 1	10 6 0 5	10 7 3 9	10 8 7 4	11 0 0 8	11 1 4 2	11 2 7 6
8 0 0 0	11 9 6 7	12 1 2 0	12 2 7 4	12 4 2 7	12 5 8 0	12 7 3 4	12 8 8 7
9 0 0 0	13 4 6 3	13 6 3 5	13 8 0 8	13 9 8 0	14 1 5 3	14 3 2 6	14 4 9 8

PRINCIPAL.	85 days	86 days	87 days	88 days	89 days	90 days	91 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1 6 3 0	1 6 4 9	1 6 6 8	1 6 8 7	1 7 0 6	1 7 2 6	1 7 4 5
2 0 0 0	3 2 6 0	3 2 9 8	3 3 3 7	3 3 7 5	3 4 1 3	3 4 5 2	3 4 9 0
3 0 0 0	4 8 8 9	4 9 4 7	5 0 0 5	5 0 6 3	5 1 2 0	5 1 7 8	5 2 3 5
4 0 0 0	6 5 2 0	6 5 9 7	6 6 7 4	6 7 5 0	6 8 2 7	6 9 0 4	6 9 8 0
5 0 0 0	8 1 5 0	8 2 4 6	8 3 4 2	8 4 3 8	8 5 3 4	8 6 3 0	8 7 2 6
6 0 0 0	9 7 8 0	9 8 9 5	10 0 1 1	10 1 2 6	10 2 4 1	10 3 5 6	10 4 7 1
7 0 0 0	11 4 1 1	11 5 4 4	11 6 7 9	11 8 1 3	11 9 4 7	12 0 8 2	12 2 1 6
8 0 0 0	13 0 4 1	13 1 9 4	13 3 4 7	13 5 0 1	13 6 5 4	13 8 0 8	13 9 6 1
9 0 0 0	14 6 7 1	14 8 4 3	15 0 1 6	15 1 8 9	15 3 6 1	15 5 3 4	15 7 0 6

INTEREST at 7 per cent., 92 to 112 days.

PRINCIPAL.	92 days	93 days	94 days	95 days	96 days	97 days	98 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1764	1783	1802	1821	1841	1860	1879
2 0 0 0	3528	3567	3605	3643	3682	3720	3758
3 0 0 0	5293	5350	5408	5465	5523	5580	5638
4 0 0 0	7057	7134	7211	7287	7364	7441	7517
5 0 0 0	8821	8917	9013	9109	9205	9301	9397
6 0 0 0	10586	10701	10816	10931	11046	11161	11276
7 0 0 0	12350	12484	12619	12753	12887	13021	13156
8 0 0 0	14115	14268	14421	14575	14728	14882	15035
9 0 0 0	15879	16052	16224	16397	16569	16742	16915

PRINCIPAL.	99 days	100 days	101 days	102 days	103 days	104 days	105 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1898	1917	1937	1956	1975	1994	2013
2 0 0 0	3797	3835	3874	3912	3950	3989	4027
3 0 0 0	5695	5753	5811	5868	5926	5983	6041
4 0 0 0	7594	7671	7747	7824	7901	7978	8054
5 0 0 0	9493	9589	9684	9780	9876	9972	10068
6 0 0 0	11391	11506	11621	11737	11852	11967	12082
7 0 0 0	13290	13424	13558	13693	13827	13961	14095
8 0 0 0	15189	15342	15495	15649	15802	15956	16109
9 0 0 0	17087	17260	17432	17605	17778	17950	18123

PRINCIPAL.	106 days	107 days	108 days	109 days	110 days	111 days	112 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2032	2052	2071	2090	2109	2128	2147
2 0 0 0	4065	4104	4142	4180	4219	4257	4295
3 0 0 0	6098	6156	6213	6271	6328	6386	6443
4 0 0 0	8131	8208	8284	8361	8438	8515	8591
5 0 0 0	10164	10260	10356	10452	10547	10643	10739
6 0 0 0	12197	12312	12427	12542	12657	12772	12887
7 0 0 0	14230	14364	14498	14632	14767	14901	15035
8 0 0 0	16263	16416	16569	16723	16876	17030	17183
9 0 0 0	18295	18468	18641	18813	18986	19158	19331

INTEREST at 7 per cent, 113 to 133 days.

PRINCIPAL.	113 days	114 days	115 days	116 days	117 days	118 days	119 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 1 6 7	2 1 8 6	2 2 0 5	2 2 2 4	2 2 4 3	2 2 6 3	2 2 8 2
2 0 0 0	4 3 3 4	4 3 7 2	4 4 1 1	4 4 4 9	4 4 8 7	4 5 2 6	4 5 6 4
3 0 0 0	6 5 0 1	6 5 5 8	6 6 1 6	6 6 7 4	6 7 3 1	6 7 8 9	6 8 4 6
4 0 0 0	8 6 6 8	8 7 4 5	8 8 2 1	8 8 9 8	8 9 7 5	9 0 5 2	9 1 2 8
5 0 0 0	10 8 3 5	10 9 3 1	11 0 2 7	11 1 2 3	11 2 1 9	11 3 1 5	11 4 1 1
6 0 0 0	13 0 0 2	13 1 1 7	13 2 3 2	13 3 4 7	13 4 6 3	13 5 7 8	13 6 9 3
7 0 0 0	15 1 6 9	15 3 0 4	15 4 3 8	15 5 7 2	15 7 0 6	15 8 4 1	15 9 7 5
8 0 0 0	17 3 3 7	17 4 9 0	17 6 4 3	17 7 9 7	17 9 5 0	18 1 0 4	18 2 5 7
9 0 0 0	19 5 0 4	19 6 7 6	19 8 4 9	20 0 2 1	20 1 9 4	20 3 6 7	20 5 3 9

PRINCIPAL.	120 days	121 days	122 days	123 days	124 days	125 days	126 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 3 0 1	2 3 2 0	2 3 3 9	2 3 5 8	2 3 7 8	2 3 9 7	2 4 1 6
2 0 0 0	4 6 0 2	4 6 4 1	4 6 7 9	4 7 1 7	4 7 5 6	4 7 9 4	4 8 3 2
3 0 0 0	6 9 0 4	6 9 6 1	7 0 1 9	7 0 7 6	7 1 3 4	7 1 9 1	7 2 4 9
4 0 0 0	9 2 0 5	9 2 8 2	9 3 5 8	9 4 3 5	9 5 1 2	9 5 8 9	9 6 6 5
5 0 0 0	11 5 0 6	11 6 0 2	11 6 9 8	11 7 9 4	11 8 9 0	11 9 8 6	12 0 8 2
6 0 0 0	13 8 0 8	13 9 2 3	14 0 3 8	14 1 5 3	14 2 6 8	14 3 8 3	14 4 9 8
7 0 0 0	16 1 0 9	16 2 4 3	16 3 7 8	16 5 1 2	16 6 4 6	16 7 8 0	16 9 1 5
8 0 0 0	18 4 1 1	18 5 6 4	18 7 1 7	18 7 7 1	19 0 2 4	19 1 7 8	19 3 3 1
9 0 0 0	20 7 1 2	20 8 8 4	21 0 5 7	21 2 3 0	21 4 0 2	21 5 7 5	21 7 4 7

PRINCIPAL.	127 days	128 days	129 days	130 days	131 days	132 days	133 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 4 3 5	2 4 5 4	2 4 7 4	2 4 9 3	2 5 1 2	2 5 3 1	2 5 5 0
2 0 0 0	4 8 7 1	4 9 0 9	4 9 4 7	4 9 8 6	5 0 2 4	5 0 6 3	5 1 0 1
3 0 0 0	7 3 0 6	7 3 6 4	7 4 2 1	7 4 7 9	7 5 3 7	7 5 9 4	7 6 5 2
4 0 0 0	9 7 4 2	9 8 1 9	9 8 9 5	9 9 7 2	10 0 4 9	10 1 2 6	10 2 0 2
5 0 0 0	12 1 7 8	12 2 7 4	12 3 6 9	12 4 6 5	12 5 6 1	12 6 5 7	12 7 5 3
6 0 0 0	14 6 1 3	14 7 2 8	14 8 4 3	14 9 5 8	15 0 7 4	15 1 8 9	15 3 0 4
7 0 0 0	17 0 4 9	17 1 8 3	17 3 1 7	17 4 5 2	17 5 8 6	17 7 2 0	17 8 5 4
8 0 0 0	19 4 8 4	19 6 3 8	19 7 9 1	19 9 4 5	20 0 9 8	20 2 5 2	20 4 0 5
9 0 0 0	21 9 2 0	22 0 9 3	22 2 6 5	22 4 3 8	22 6 1 1	22 7 8 3	22 9 5 6

INTEREST at 7 per cent, 134 to 154 days.

PRINCIPAL.	134 days	135 days	136 days	137. days	138 days	139 days	140 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 5 6 9	2 5 8 9	2 6 0 8	2 6 2 7	2 6 4 6	2 6 6 5	2 6 8 4
2 0 0 0	5 1 3 9	5 1 7 8	5 2 1 6	5 2 5 4	5 2 9 3	5 3 3 1	5 3 6 9
3 0 0 0	7 7 0 9	7 7 6 7	7 8 2 4	7 8 8 2	7 9 3 9	7 9 9 7	8 0 5 4
4 0 0 0	10 2 7 9	10 3 5 6	10 4 3 2	10 5 0 9	10 5 8 6	10 6 6 3	10 7 3 9
5 0 0 0	12 8 4 9	12 9 4 5	13 0 4 1	13 1 3 7	13 2 3 2	13 3 2 8	13 4 2 4
6 0 0 0	15 4 1 9	15 5 3 4	15 6 4 9	15 7 6 4	15 8 7 9	15 9 9 4	16 1 0 9
7 0 0 0	17 9 8 9	18 1 2 3	18 2 5 7	18 3 9 1	18 5 2 6	18 6 6 0	18 7 9 4
8 0 0 0	20 5 5 8	20 7 1 2	20 8 6 5	21 0 1 9	21 1 7 2	21 3 2 6	21 4 7 9
9 0 0 0	23 1 2 8	23 3 0 1	23 4 7 4	23 6 4 6	23 8 1 9	23 9 9 1	24 1 6 4

PRINCIPAL.	141 days	142 days	143 days	144 days	145 days	146 days	147 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 7 0 4	2 7 2 3	2 7 4 2	2 7 6 1	2 7 8 0	2 8 0 0	2 8 1 9
2 0 0 0	5 4 0 8	5 4 4 6	5 4 8 4	5 5 2 3	5 5 6 1	5 6 0 0	5 6 3 8
3 0 0 0	8 1 1 2	8 1 6 9	8 2 2 7	8 2 8 4	8 3 4 2	8 4 0 0	8 4 5 7
4 0 0 0	10 8 1 6	10 8 9 3	10 9 6 9	11 0 4 6	11 1 2 3	11 2 0 0	11 2 7 6
5 0 0 0	13 5 2 0	13 6 1 6	13 7 1 2	13 8 0 8	13 9 0 4	14 0 0 0	14 0 9 5
6 0 0 0	16 2 2 4	16 3 3 9	16 4 5 4	16 5 6 9	16 6 8 4	16 8 0 0	16 9 1 5
7 0 0 0	18 9 2 8	19 0 6 3	19 1 9 7	19 3 2 9	19 4 6 5	19 6 0 0	19 7 3 4
8 0 0 0	21 6 3 2	21 7 8 6	21 9 3 9	22 0 9 3	22 2 4 6	22 4 0 0	22 5 5 3
9 0 0 0	24 3 3 7	24 5 0 9	24 6 8 2	24 8 5 4	25 0 2 7	25 2 0 0	25 3 7 2

PRINCIPAL.	148 days	149 days	150 days	151 days	152 days	153 days	154 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 8 3 8	2 8 5 7	2 8 7 6	2 8 9 5	2 9 1 5	2 9 3 4	2 9 5 3
2 0 0 0	5 6 7 6	5 7 1 5	5 7 5 3	5 7 9 1	5 8 3 0	5 8 6 8	5 9 0 6
3 0 0 0	8 5 1 5	8 5 7 2	8 6 3 0	8 6 8 7	8 7 4 5	8 8 0 2	8 8 6 0
4 0 0 0	11 3 5 3	11 4 3 0	11 5 0 6	11 5 8 3	11 6 6 0	11 7 3 7	11 8 1 3
5 0 0 0	14 1 9 1	14 2 8 7	14 3 8 3	14 4 7 9	14 5 7 5	14 6 7 1	14 7 6 7
6 0 0 0	17 0 3 0	17 1 4 5	17 2 6 0	17 3 7 5	17 4 9 0	17 6 0 5	17 7 2 0
7 0 0 0	19 8 6 8	20 0 0 2	20 1 3 7	20 2 7 1	20 4 0 5	20 5 3 9	20 6 7 4
8 0 0 0	22 7 0 6	22 8 6 0	23 0 1 3	23 1 6 7	23 3 2 0	23 4 7 4	23 6 2 7
9 0 0 0	25 5 4 5	25 7 1 7	25 8 9 0	26 0 6 3	26 2 3 5	26 4 0 8	26 5 8 0

INTEREST at 7 per cent., 155 to 175 days.

PRINCIPAL.	155 days	156 days	157 days	158 days	159 days	160 days	161 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 9 7 2	2 9 9 1	3 0 1 1	3 0 3 0	3 0 4 9	3 0 6 8	3 0 8 7
2 0 0 0	5 9 4 5	5 9 8 3	6 0 2 2	6 0 6 0	6 0 9 8	6 1 3 7	6 1 7 5
3 0 0 0	8 9 1 7	8 9 7 5	9 0 3 2	9 0 9 0	9 1 4 7	9 2 0 5	9 2 6 3
4 0 0 0	11 8 9 0	11 9 6 7	12 0 4 3	12 1 2 0	12 1 9 7	12 2 7 4	12 3 5 0
5 0 0 0	14 8 6 3	14 9 5 8	15 0 5 4	15 1 5 0	15 2 4 6	15 3 4 2	15 4 3 8
6 0 0 0	17 8 3 5	17 9 5 0	18 0 6 5	18 1 8 0	18 2 9 5	18 4 1 1	18 5 2 6
7 0 0 0	20 8 0 8	20 9 4 2	21 0 7 6	21 2 1 1	21 3 4 5	21 4 7 9	21 6 1 3
8 0 0 0	23 7 8 0	23 9 3 4	24 0 8 7	24 2 4 1	24 3 9 4	24 5 4 7	24 7 0 1
9 0 0 0	26 7 5 3	26 9 2 6	27 0 9 8	27 2 7 1	27 4 4 3	27 6 1 6	27 7 8 9

PRINCIPAL.	162 days	163 days	164 days	165 days	166 days	167 days	168 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 1 0 6	3 1 2 6	3 1 4 5	3 1 6 4	3 1 8 3	3 2 0 2	3 2 2 1
2 0 0 0	6 2 1 3	6 2 5 2	6 2 9 0	6 3 2 8	6 3 6 7	6 4 0 5	6 4 4 3
3 0 0 0	9 3 2 0	9 3 7 8	9 4 3 5	9 4 9 2	9 5 5 0	9 6 0 8	9 6 6 5
4 0 0 0	12 4 2 7	12 5 0 4	12 5 8 0	12 6 5 7	12 7 3 4	12 8 1 1	12 8 8 7
5 0 0 0	15 5 3 4	15 6 3 0	15 7 2 6	15 8 2 1	15 9 1 7	16 0 1 3	16 1 0 9
6 0 0 0	18 6 4 1	18 7 5 6	18 8 7 1	18 9 8 6	19 1 0 1	19 2 1 6	19 3 3 1
7 0 0 0	21 7 4 7	21 8 8 2	22 0 1 6	22 1 5 0	22 2 8 4	22 4 1 9	22 5 5 3
8 0 0 0	24 8 5 4	25 0 0 8	25 1 6 1	25 3 1 5	25 4 6 8	25 6 2 1	25 7 7 5
9 0 0 0	27 9 6 1	28 1 3 4	28 3 0 6	28 4 7 9	28 6 5 2	28 8 2 4	28 9 9 7

PRINCIPAL.	169 days	170 days	171 days	172 days	173 days	174 days	175 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 2 4 1	3 2 6 0	3 2 7 9	3 2 9 8	3 3 1 7	3 3 3 7	3 3 5 6
2 0 0 0	6 4 8 2	6 5 2 0	6 5 5 8	6 5 9 7	6 6 3 5	6 6 7 4	6 7 1 2
3 0 0 0	9 7 2 3	9 7 8 0	9 8 3 8	9 8 9 5	9 9 5 3	10 0 1 1	10 0 6 8
4 0 0 0	12 9 6 4	13 0 4 1	13 1 1 7	13 1 9 4	13 2 7 1	13 3 4 7	13 4 2 4
5 0 0 0	16 2 0 5	16 3 0 1	16 3 9 7	16 4 9 3	16 5 8 9	16 6 8 4	16 7 8 0
6 0 0 0	19 4 4 6	19 5 6 1	19 6 7 6	19 7 9 1	19 9 0 6	20 0 2 1	20 1 3 7
7 0 0 0	22 6 8 7	22 8 2 1	22 9 5 6	23 0 9 0	23 2 2 4	23 3 5 8	23 4 9 3
8 0 0 0	25 9 2 8	26 0 8 2	26 2 3 5	26 3 8 9	26 5 4 2	26 6 9 5	26 8 4 9
9 0 0 0	29 1 6 9	29 3 4 2	29 5 1 5	29 6 8 7	29 8 6 0	30 0 3 2	30 2 0 5

INTEREST at 7 per cent., 176 to 196 days.

PRINCIPAL.	176 days	177 days	178 days	179 days	180 days	181 days	182 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	3 3 7 5	3 3 9 4	3 4 1 3	3 4 3 2	3 4 5 2	3 4 7 1	3 4 9 0
2 0 0 0	6 7 5 0	6 7 8 9	6 8 2 7	6 8 6 5	6 9 0 4	6 9 4 2	6 9 8 0
3 0 0 0	10 1 2 6	10 1 8 3	10 2 4 1	10 2 9 8	10 3 5 6	10 4 1 3	10 4 7 1
4 0 0 0	13 5 0 1	13 5 7 8	13 6 5 4	13 7 3 1	13 8 0 8	13 8 8 4	13 9 6 1
5 0 0 0	16 8 7 6	16 9 7 2	17 0 6 8	17 1 6 4	17 2 6 0	17 3 5 6	17 4 5 2
6 0 0 0	20 2 5 2	20 3 6 7	20 4 8 2	20 5 9 7	20 7 1 2	20 8 2 7	20 9 4 2
7 0 0 0	23 6 2 7	23 7 6 1	23 8 9 5	24 0 3 0	24 1 6 4	24 2 9 8	24 4 3 2
8 0 0 0	27 0 0 2	27 1 5 6	27 3 0 9	27 4 6 3	27 6 1 7	27 7 6 9	27 9 2 3
9 0 0 0	30 3 7 8	30 5 5 0	30 7 2 3	30 8 9 5	31 0 6 8	31 2 4 1	31 4 1 3

PRINCIPAL.	183 days	184 days	185 days	186 days	187 days	188 days	189 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	3 5 0 9	3 5 2 8	3 5 4 7	3 5 6 7	3 5 8 6	3 6 0 5	3 6 2 4
2 0 0 0	7 0 1 9	7 0 5 7	7 0 9 5	7 1 3 4	7 1 7 2	7 2 1 1	7 2 4 9
3 0 0 0	10 5 2 8	10 5 8 6	10 6 4 3	10 7 0 1	10 7 5 8	10 8 1 6	10 8 7 4
4 0 0 0	14 0 3 8	14 1 1 5	14 1 9 1	14 2 6 8	14 3 4 5	14 4 2 1	14 4 9 8
5 0 0 0	17 5 4 7	17 6 4 3	17 7 3 9	17 8 3 5	17 9 3 1	18 0 2 7	18 1 2 3
6 0 0 0	21 0 5 7	21 1 7 2	21 2 8 7	21 4 0 2	21 5 1 7	21 6 3 2	21 7 4 7
7 0 0 0	24 5 6 7	24 7 0 1	24 8 3 5	24 9 6 9	25 1 0 4	25 2 3 8	25 3 7 2
8 0 0 0	28 0 7 6	28 2 3 0	28 3 8 3	28 5 3 7	28 6 9 0	28 8 4 3	28 9 9 7
9 0 0 0	31 5 8 6	31 7 5 8	31 9 3 1	32 1 0 4	32 2 7 6	32 4 4 9	32 6 2 1

PRINCIPAL.	190 days	191 days	192 days	193 days	194 days	195 days	196 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	3 6 4 3	3 6 6 3	3 6 8 2	3 7 0 1	3 7 2 0	3 7 3 9	3 7 5 8
2 0 0 0	7 2 8 7	7 3 2 6	7 3 6 4	7 4 0 2	7 4 4 1	7 4 7 9	7 5 1 7
3 0 0 0	10 9 3 1	10 9 8 9	11 0 4 6	11 1 0 4	11 1 6 1	11 2 1 9	11 2 7 6
4 0 0 0	14 5 7 5	14 6 5 2	14 7 2 8	14 8 0 5	14 8 8 2	14 9 5 8	15 0 3 5
5 0 0 0	18 2 1 9	18 3 1 5	18 4 1 1	18 5 0 6	18 6 0 2	18 6 9 8	18 7 9 4
6 0 0 0	21 8 6 3	21 9 7 8	22 0 9 3	22 2 0 8	22 3 2 3	22 4 3 8	22 5 5 3
7 0 0 0	25 5 0 6	25 6 4 1	25 7 7 5	25 9 0 9	26 0 4 3	26 1 7 8	26 3 1 2
8 0 0 0	29 1 5 0	29 3 0 4	29 4 5 7	29 6 1 1	29 7 6 4	29 9 1 7	30 0 7 1
9 0 0 0	32 7 9 4	32 9 6 7	33 1 3 9	33 3 1 2	33 4 8 4	33 6 5 7	33 8 3 0

INTEREST at 7 per cent., 197 to 217 days.

PRINCIPAL.	197 days	198 days	199 days	200 days	201 days	202 days	203 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 7 7 8	3 7 9 7	3 8 1 6	3 8 3 5	3 8 5 4	3 8 7 4	3 8 9 3
2 0 0 0	7 5 5 6	7 5 9 4	7 6 3 2	7 6 7 1	7 7 0 9	7 7 4 7	7 7 8 6
3 0 0 0	11 3 3 4	11 3 9 1	11 4 4 9	11 5 0 6	11 5 6 4	11 6 2 1	11 6 7 9
4 0 0 0	15 1 1 2	15 1 8 9	15 2 6 5	15 3 4 2	15 4 1 9	15 4 9 5	15 5 7 2
5 0 0 0	18 8 9 0	18 9 8 6	19 0 8 2	19 1 7 8	19 2 7 4	19 3 6 9	19 4 6 5
6 0 0 0	22 6 6 8	22 7 8 3	22 8 9 8	23 0 1 3	23 1 2 8	23 2 4 3	23 3 5 8
7 0 0 0	26 4 4 6	26 5 8 0	26 7 1 5	26 8 4 9	26 9 8 3	27 1 1 7	27 2 5 2
8 0 0 0	30 2 2 4	30 3 7 8	30 5 3 1	30 6 8 4	30 8 3 8	30 9 9 1	31 1 4 5
9 0 0 0	34 0 0 2	34 1 7 5	34 3 4 7	34 5 2 0	34 6 9 3	34 8 6 5	35 0 3 8

PRINCIPAL.	204 days	205 days	206 days	207 days	208 days	209 days	210 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 9 1 2	3 9 3 1	3 9 5 0	3 9 6 9	3 9 8 9	4 0 0 8	4 0 2 7
2 0 0 0	7 8 2 4	7 8 6 3	7 9 0 1	7 9 3 9	7 9 7 8	8 0 1 6	8 0 5 4
3 0 0 0	11 7 3 7	11 7 9 4	11 8 5 2	11 9 0 9	11 9 6 7	12 0 2 4	12 0 8 2
4 0 0 0	15 6 4 9	15 7 2 6	15 8 0 2	15 8 7 9	15 9 5 6	16 0 3 2	16 1 0 9
5 0 0 0	19 5 6 1	19 6 5 7	19 7 5 3	19 8 4 9	19 9 4 5	20 0 4 1	20 1 3 7
6 0 0 0	23 4 7 4	23 5 8 9	23 7 0 4	23 8 1 9	23 9 3 4	24 0 4 9	24 1 6 4
7 0 0 0	27 3 8 6	27 5 2 0	27 6 5 4	27 7 8 9	27 9 2 3	28 0 5 7	28 1 9 1
8 0 0 0	31 2 9 8	31 4 5 2	31 6 0 5	31 7 5 8	31 9 1 2	32 0 6 5	32 2 1 9
9 0 0 0	35 2 1 1	35 3 8 3	35 5 5 6	35 7 2 8	35 9 0 1	36 0 7 4	36 2 4 6

PRINCIPAL.	211 days	212 days	213 days	214 days	215 days	216 days	217 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 0 4 6	4 0 6 5	4 0 8 4	4 1 0 4	4 1 2 3	4 1 4 2	4 1 6 1
2 0 0 0	8 0 9 3	8 1 3 1	8 1 6 9	8 2 0 8	8 2 4 6	8 2 8 4	8 3 2 3
3 0 0 0	12 1 3 9	12 1 9 7	12 2 5 4	12 3 1 2	12 3 6 9	12 4 2 7	12 4 8 4
4 0 0 0	16 1 8 6	16 2 6 3	16 3 3 9	16 4 1 6	16 4 9 3	16 5 6 9	16 6 4 6
5 0 0 0	20 2 3 2	20 3 2 8	20 4 2 4	20 5 2 0	20 6 1 6	20 7 1 2	20 8 0 8
6 0 0 0	24 1 7 9	24 3 9 4	24 5 0 9	24 6 2 4	24 7 3 9	24 8 5 4	24 9 6 9
7 0 0 0	28 3 2 6	28 4 6 0	28 5 9 4	28 7 2 8	28 8 6 3	28 9 9 7	29 1 3 1
8 0 0 0	32 3 7 2	32 5 2 6	32 6 7 9	32 8 3 2	32 9 8 6	33 1 3 9	33 2 9 3
9 0 0 0	36 4 1 9	36 5 9 1	36 7 6 4	36 9 3 7	37 1 0 9	37 2 8 2	37 4 5 4

INTEREST at 7 per cent., 218 to 238 days.

PRINCIPAL.	218 days	219 days	220 days	221 days	222 days	223 days	224 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 1 8 0	4 2 0 0	4 2 1 9	4 2 3 8	4 2 5 7	4 2 7 6	4 2 9 5
2 0 0 0	8 3 6 1	8 4 0 0	8 4 3 8	8 4 7 6	8 5 1 5	8 5 5 3	8 5 9 1
3 0 0 0	12 5 4 2	12 6 0 0	12 6 5 7	12 7 1 5	12 7 7 2	12 8 3 0	12 8 8 7
4 0 0 0	16 7 2 3	16 8 0 0	16 8 7 6	16 9 5 3	17 0 3 0	17 1 0 6	17 1 8 3
5 0 0 0	20 9 0 4	21 0 0 0	21 0 9 5	21 1 9 1	21 2 8 7	21 3 8 3	21 4 7 9
6 0 0 0	25 0 8 4	25 2 0 0	25 3 1 5	25 4 3 0	25 5 4 5	25 6 6 0	25 7 7 5
7 0 0 0	29 2 5 5	29 4 0 0	29 5 3 4	29 6 6 8	29 8 0 2	29 9 3 7	30 0 7 1
8 0 0 0	33 4 4 6	33 6 0 0	33 7 5 3	33 9 0 6	34 0 6 0	34 2 1 3	34 3 6 7
9 0 0 0	37 6 2 7	37 8 0 0	37 9 7 2	38 1 4 5	38 3 1 7	38 4 9 0	38 6 6 3

PRINCIPAL.	225 days	226 days	227 days	228 days	229 days	230 days	231 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 3 1 5	4 3 3 4	4 3 5 3	4 3 7 2	4 3 9 1	4 4 1 1	4 4 3 0
2 0 0 0	8 6 3 0	8 6 6 8	8 7 0 6	8 7 4 5	8 7 8 3	8 8 2 1	8 8 6 0
3 0 0 0	12 9 4 5	13 0 0 2	13 0 6 0	13 1 1 7	13 1 7 5	13 2 3 2	13 2 9 0
4 0 0 0	17 2 6 0	17 3 3 7	17 4 1 3	17 4 9 0	17 5 6 7	17 6 4 3	17 7 2 0
5 0 0 0	21 5 7 5	21 6 7 1	21 7 6 7	21 8 6 3	21 9 5 8	22 0 5 4	22 1 5 0
6 0 0 0	25 8 9 0	26 0 0 5	26 1 2 0	26 2 3 5	26 3 5 0	26 4 6 5	26 5 8 0
7 0 0 0	30 2 0 5	30 3 3 9	30 4 7 4	30 6 0 8	30 7 4 2	30 8 7 6	31 0 1 1
8 0 0 0	34 5 2 0	34 6 7 4	34 8 2 7	34 9 8 0	35 1 3 4	35 2 8 7	35 4 4 1
9 0 0 0	38 8 3 5	39 0 0 8	39 1 8 0	39 3 5 3	39 5 2 6	39 6 9 8	39 8 7 1

PRINCIPAL.	232 days	233 days	234 days	235 days	236 days	237 days	238 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 4 4 9	4 4 6 8	4 4 8 7	4 5 0 6	4 5 2 6	4 5 4 5	4 5 6 4
2 0 0 0	8 8 9 8	8 9 3 7	8 9 7 5	9 0 1 3	9 0 5 2	9 0 9 0	9 1 2 8
3 0 0 0	13 3 4 7	13 4 0 5	13 4 6 3	13 5 2 0	13 5 7 8	13 6 3 5	13 6 9 3
4 0 0 0	17 7 9 7	17 8 7 4	17 9 5 0	18 0 2 7	18 1 0 4	18 1 8 0	18 2 5 7
5 0 0 0	22 2 4 6	22 3 4 2	22 4 3 8	22 5 3 4	22 6 3 0	22 7 2 6	22 8 2 1
6 0 0 0	26 6 9 5	26 8 1 1	26 9 2 6	27 0 4 1	27 1 5 6	27 2 7 1	27 3 8 6
7 0 0 0	31 1 4 5	31 2 7 9	31 4 1 3	31 5 4 7	31 6 8 2	31 8 1 6	31 9 5 0
8 0 0 0	35 5 9 4	35 7 4 7	35 9 0 1	36 0 5 4	36 2 0 8	36 3 6 1	36 5 1 5
9 0 0 0	40 0 4 3	40 2 1 6	40 3 8 9	40 5 6 1	40 7 3 4	40 9 0 6	41 0 7 9

INTEREST at 7 per cent., 239 to 259 days.

PRINCIPAL.	239 days	240 days	241 days	242 days	243 days	244 days	245 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 5 8 3	4 6 0 2	4 6 2 1	4 6 4 1	4 6 6 0	4 6 7 9	4 6 9 8
2 0 0 0	9 1 6 7	9 2 0 5	9 2 4 3	9 2 8 2	9 3 2 0	9 3 5 8	9 3 9 7
3 0 0 0	13 7 5 0	13 8 0 8	13 8 6 5	13 9 2 3	13 9 8 0	14 0 3 8	14 0 9 5
4 0 0 0	18 3 3 4	18 4 1 1	18 4 8 7	18 5 6 4	18 6 4 1	18 7 1 7	18 7 9 4
5 0 0 0	22 9 1 7	23 0 1 3	23 1 0 9	23 2 0 5	23 3 0 1	23 3 9 7	23 4 9 3
6 0 0 0	27 5 0 1	27 6 1 6	27 7 3 1	27 8 4 6	27 9 6 1	28 0 7 6	28 1 9 1
7 0 0 0	32 0 8 4	32 2 1 9	32 3 5 3	32 4 8 7	32 6 2 1	32 7 5 6	32 8 9 0
8 0 0 0	36 6 6 8	36 8 2 1	36 9 7 5	37 1 2 8	37 2 8 2	37 4 3 5	37 5 8 9
9 0 0 0	41 2 5 2	41 4 2 4	41 5 9 7	41 7 6 9	41 9 4 2	42 1 1 5	42 2 8 7

PRINCIPAL.	246 days	247 days	248 days	249 days	250 days	251 days	252 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 7 1 7	4 7 3 7	4 7 5 6	4 7 7 5	4 7 9 4	4 8 1 3	4 8 3 2
2 0 0 0	9 4 3 5	9 4 7 4	9 5 1 2	9 5 5 0	9 5 8 9	9 6 2 7	9 6 6 5
3 0 0 0	14 1 5 3	14 2 1 1	14 2 6 8	14 3 2 6	14 3 8 3	14 4 4 1	14 4 9 8
4 0 0 0	18 8 7 1	18 9 4 7	19 0 2 4	19 1 0 1	19 1 7 8	19 2 5 4	19 3 3 1
5 0 0 0	23 5 8 9	23 6 8 4	23 7 8 0	23 8 7 6	23 9 7 2	24 0 6 8	24 1 6 4
6 0 0 0	28 3 0 6	28 4 2 1	28 5 3 7	28 6 5 2	28 7 6 7	28 8 8 2	28 9 9 7
7 0 0 0	33 0 2 4	33 1 5 8	33 2 9 3	33 4 2 7	33 5 6 1	33 6 9 5	33 8 3 0
8 0 0 0	37 7 4 2	37 8 9 5	38 0 4 9	38 2 0 2	38 3 5 6	38 5 0 9	38 6 6 3
9 0 0 0	42 4 6 0	42 6 3 2	42 8 0 5	42 9 7 8	43 1 5 0	43 3 2 3	43 4 9 5

PRINCIPAL.	253 days	254 days	255 days	256 days	257 days	258 days	259 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 8 5 2	4 8 7 1	4 8 9 0	4 9 0 9	4 9 2 8	4 9 4 7	4 9 6 7
2 0 0 0	9 7 0 4	9 7 4 2	9 7 8 0	9 8 1 9	9 8 5 7	9 8 9 5	9 9 3 4
3 0 0 0	14 5 5 6	14 6 1 3	14 6 7 1	14 7 2 8	14 7 8 6	14 8 4 3	14 9 0 1
4 0 0 0	19 4 0 8	19 4 8 4	19 5 6 1	19 6 3 8	19 7 1 5	19 7 9 1	19 8 6 8
5 0 0 0	24 2 6 0	24 3 5 6	24 4 5 2	24 5 4 7	24 6 4 3	24 7 3 9	24 8 3 5
6 0 0 0	29 1 1 2	29 2 2 7	29 3 4 2	29 4 5 7	29 5 7 2	29 6 8 7	29 8 0 2
7 0 0 0	33 9 6 4	34 0 9 8	34 2 3 2	34 3 6 7	34 5 0 1	34 6 3 5	34 7 6 9
8 0 0 0	38 8 1 6	38 9 6 9	39 1 2 3	39 2 7 6	39 4 3 0	39 5 8 3	39 7 3 7
9 0 0 0	43 6 6 8	43 8 4 1	44 0 1 3	44 1 8 6	44 3 5 8	44 5 3 1	44 7 0 4

INTEREST at 7 per cent., 260 to 280 days.

PRINCIPAL.	260 days	261 days	262 days	263 days	264 days	265 days	266 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 9 8 6	5 0 0 5	5 0 2 4	5 0 4 3	5 0 6 3	5 0 8 2	5 1 0 1
2 0 0 0	9 9 7 2	10 0 1 1	10 0 4 9	10 0 8 7	10 1 2 6	10 1 6 4	10 2 0 2
3 0 0 0	14 9 5 8	15 0 1 6	15 0 7 4	15 1 3 1	15 1 8 9	15 2 4 6	15 3 0 4
4 0 0 0	19 9 4 5	20 0 2 1	20 0 9 8	20 1 7 5	20 2 5 2	20 3 2 8	20 4 0 5
5 0 0 0	24 9 3 1	25 0 2 7	25 1 2 3	25 2 1 9	25 3 1 5	25 4 1 1	25 5 0 6
6 0 0 0	29 9 1 7	30 0 3 2	30 1 4 7	30 2 6 3	30 3 7 8	30 4 9 3	30 6 0 8
7 0 0 0	34 9 0 4	35 0 3 8	35 1 7 2	35 3 0 6	35 4 4 1	35 5 7 5	35 7 0 9
8 0 0 0	39 8 9 0	40 0 4 3	40 1 9 7	40 3 5 0	40 5 0 4	40 6 5 7	40 8 1 1
9 0 0 0	44 8 7 6	45 0 4 9	45 2 2 1	45 3 9 4	45 5 6 7	45 7 3 9	45 9 1 2

PRINCIPAL.	267 days	268 days	269 days	270 days	271 days	272 days	273 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	5 1 2 0	5 1 3 9	5 1 5 8	5 1 7 8	5 1 9 7	5 2 1 6	5 2 3 5
2 0 0 0	10 2 4 1	10 2 7 9	10 3 1 7	10 3 5 6	10 3 9 4	10 4 3 2	10 4 7 1
3 0 0 0	15 3 6 1	15 4 1 9	15 4 7 6	15 5 3 4	15 5 9 1	15 6 4 9	15 7 0 6
4 0 0 0	20 4 8 2	20 5 5 8	20 6 3 5	20 7 1 2	20 7 8 9	20 8 6 5	20 9 4 2
5 0 0 0	25 6 0 2	25 6 9 8	25 7 9 4	25 8 9 0	25 9 8 6	26 0 8 2	26 1 7 8
6 0 0 0	30 7 2 3	30 8 3 8	30 9 5 3	31 0 6 8	31 1 8 3	31 2 9 8	31 4 1 3
7 0 0 0	35 8 4 3	35 9 7 8	36 1 1 2	36 2 4 6	36 3 8 0	36 5 1 5	36 6 4 9
8 0 0 0	40 9 6 4	41 1 1 7	41 2 7 1	41 4 2 4	41 5 7 8	41 7 3 1	41 8 8 4
9 0 0 0	46 0 8 4	46 2 5 7	46 4 3 0	46 6 0 2	46 7 7 5	46 9 4 7	47 1 2 0

PRINCIPAL.	274 days	275 days	276 days	277 days	278 days	279 days	280 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	5 2 5 4	5 2 7 4	5 2 9 3	5 3 1 2	5 3 3 1	5 3 5 0	5 3 6 9
2 0 0 0	10 5 0 9	10 5 4 7	10 5 8 6	10 6 2 4	10 6 6 3	10 7 0 1	10 7 3 9
3 0 0 0	15 7 6 4	15 8 2 1	15 8 7 9	15 9 3 7	15 9 9 4	16 0 5 2	16 1 0 9
4 0 0 0	21 0 1 9	21 0 9 5	21 1 7 2	21 2 4 9	21 3 2 6	21 4 0 2	21 4 7 9
5 0 0 0	26 2 7 4	26 3 6 9	26 4 6 5	26 5 6 1	26 6 5 7	26 7 5 3	26 8 4 9
6 0 0 0	31 5 2 8	31 6 4 3	31 7 5 8	31 8 7 4	31 9 8 9	32 1 0 4	32 2 1 9
7 0 0 0	36 7 8 3	36 9 1 7	37 0 5 2	37 1 8 6	37 3 2 0	37 4 5 4	37 5 8 9
8 0 0 0	42 0 3 8	42 1 9 1	42 3 4 5	42 4 9 8	42 6 5 2	42 8 0 5	42 9 5 8
9 0 0 0	47 2 9 3	47 4 6 5	47 6 3 8	47 8 1 1	47 9 8 3	48 1 5 6	48 3 2 9

INTEREST at 7 per cent., 281 to 301 days.

266
days

ABCD

101
202
304
405
506
608
709
811
912

PRINCIPAL.	281 days	282 days	283 days	284 days	285 days	286 days	287 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	5 3 8 9	5 4 0 8	5 4 2 7	5 4 4 6	5 4 6 5	5 4 8 4	5 5 0 4
2 0 0 0	10 7 7 8	10 8 1 6	10 8 5 4	10 8 9 3	10 9 3 1	10 9 6 9	11 0 0 8
3 0 0 0	16 1 6 7	16 2 2 4	16 2 8 2	16 3 3 9	16 3 9 7	16 4 5 4	16 5 1 2
4 0 0 0	21 5 5 6	21 6 3 2	21 7 0 9	21 7 8 6	21 8 6 3	21 9 3 9	22 0 1 6
5 0 0 0	26 9 4 5	27 0 4 1	27 1 3 7	27 2 3 2	27 3 2 8	27 4 2 4	27 5 2 0
6 0 0 0	32 3 3 4	32 4 4 9	32 5 6 4	32 6 7 9	32 7 9 4	32 9 0 9	33 0 2 4
7 0 0 0	37 7 2 3	37 8 5 7	37 9 9 1	38 1 2 6	38 2 6 0	38 3 9 4	38 5 2 8
8 0 0 0	43 1 1 2	43 2 6 5	43 4 1 9	43 5 7 2	43 7 2 6	43 8 7 9	44 0 3 2
9 0 0 0	48 5 0 1	48 6 7 4	48 8 4 6	49 0 1 9	49 1 9 1	49 3 6 4	49 5 3 7

273
days

ABCD

235
471
706
942
178
413
649
884
120

PRINCIPAL.	288 days	289 days	290 days	291 days	292 days	293 days	294 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	5 5 2 3	5 5 4 2	5 5 6 1	5 5 8 0	5 6 0 0	5 6 1 9	5 6 3 8
2 0 0 0	11 0 4 6	11 0 8 4	11 1 2 3	11 1 6 1	11 2 0 0	11 2 3 8	11 2 7 6
3 0 0 0	16 5 6 9	16 6 2 7	16 6 8 4	16 7 4 2	16 8 0 0	16 8 5 7	16 9 1 5
4 0 0 0	22 0 9 2	22 1 6 9	22 2 4 6	22 3 2 2	22 4 0 0	22 4 7 6	22 5 5 3
5 0 0 0	27 6 1 6	27 7 1 2	27 8 0 8	27 9 0 4	28 0 0 0	28 0 9 5	28 1 9 1
6 0 0 0	33 1 3 9	33 2 5 4	33 3 6 9	33 4 8 4	33 6 0 0	33 7 1 5	33 8 3 0
7 0 0 0	38 6 6 3	38 7 9 7	38 9 3 1	39 0 6 5	39 2 0 0	39 3 3 4	39 4 6 8
8 0 0 0	44 1 8 6	44 3 3 9	44 4 9 3	44 6 4 6	44 8 0 0	44 9 5 3	45 1 0 6
9 0 0 0	49 7 0 9	49 8 8 2	50 0 5 4	50 2 2 7	50 4 0 0	50 5 7 2	50 7 4 5

280
days

ABCD

369
739
109
179
349
219
589
958
329

PRINCIPAL.	295 days	296 days	297 days	298 days	299 days	300 days	301 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	5 6 5 7	5 6 7 6	5 6 9 5	5 7 1 5	5 7 3 4	5 7 5 3	5 7 7 2
2 0 0 0	11 3 1 5	11 3 5 3	11 3 9 1	11 4 3 0	11 4 6 8	11 5 0 6	11 5 4 5
3 0 0 0	16 9 7 2	17 0 3 0	17 0 8 7	17 1 4 5	17 2 0 2	17 2 6 0	17 3 1 7
4 0 0 0	22 6 3 0	22 7 0 6	22 7 8 3	22 8 6 0	22 9 3 7	23 0 1 3	23 0 9 0
5 0 0 0	28 2 8 7	28 3 8 2	28 4 7 9	28 5 7 5	28 6 7 1	28 7 6 7	28 8 6 3
6 0 0 0	33 9 4 5	34 0 6 0	34 1 7 5	34 2 9 0	34 4 0 5	34 5 2 0	34 6 3 5
7 0 0 0	39 6 0 2	39 7 3 7	39 8 7 1	40 0 0 5	40 1 3 9	40 2 7 4	40 4 0 8
8 0 0 0	45 2 6 0	45 4 1 3	45 5 6 7	45 7 2 0	45 8 7 4	46 0 2 7	46 1 8 0
9 0 0 0	50 9 1 7	51 0 9 0	51 2 6 3	51 4 3 5	51 6 0 8	51 7 8 0	51 9 5 3

INTEREST at 7 per cent., 302 to 322 days.

PRINCIPAL.	302 days	303 days	304 days	305 days	306 days	307 days	308 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	5791	5811	5830	5849	5868	5887	5906
2 0 0 0	11583	11621	11660	11698	11737	11775	11813
3 0 0 0	17375	17432	17490	17547	17605	17663	17720
4 0 0 0	23167	23243	23320	23397	23474	23550	23627
5 0 0 0	28959	29054	29150	29247	29342	29438	29534
6 0 0 0	34750	34865	34980	35095	35211	35326	35441
7 0 0 0	40542	40676	40811	40945	41079	41213	41347
8 0 0 0	46334	46487	46641	46794	46947	47101	47254
9 0 0 0	52126	52298	52471	52643	52815	52989	53161

PRINCIPAL.	309 days	310 days	311 days	312 days	313 days	314 days	315 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	5926	5945	5964	5983	6002	6021	6041
2 0 0 0	11852	11890	11928	11967	12005	12043	12082
3 0 0 0	17778	17835	17893	17950	18008	18065	18123
4 0 0 0	23704	23780	23857	23934	24011	24087	24164
5 0 0 0	29630	29726	29821	29917	30013	30109	30205
6 0 0 0	35556	35671	35786	35901	36016	36131	36246
7 0 0 0	41482	41616	41750	41884	42019	42153	42287
8 0 0 0	47408	47561	47715	47868	48021	48175	48328
9 0 0 0	53334	53506	53679	53852	54024	54197	54369

PRINCIPAL.	316 days	317 days	318 days	319 days	320 days	321 days	322 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	6060	6079	6098	6117	6136	6156	6175
2 0 0 0	12120	12158	12197	12235	12274	12312	12350
3 0 0 0	18180	18238	18295	18353	18411	18468	18526
4 0 0 0	24241	24317	24394	24471	24547	24624	24701
5 0 0 0	30301	30397	30493	30589	30684	30780	30876
6 0 0 0	36361	36476	36591	36706	36821	36937	37052
7 0 0 0	42421	42556	42690	42824	42958	43093	43227
8 0 0 0	48482	48635	48789	48942	49095	49249	49402
9 0 0 0	54542	54715	54887	55060	55232	55405	55578

INTEREST at 7 per cent., 323 to 343 days.

PRINCIPAL.	323 days	324 days	325 days	326 days	327 days	328 days	329 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 1 9 4	6 2 1 3	6 2 3 2	6 2 5 2	6 2 7 1	6 2 9 0	6 3 0 9
2 0 0 0	12 3 8 9	12 4 2 7	12 4 6 5	12 5 0 4	12 5 4 2	12 5 8 0	12 6 1 9
3 0 0 0	18 5 8 3	18 6 4 1	18 6 9 8	18 7 5 6	18 8 1 3	18 8 7 1	18 9 2 8
4 0 0 0	24 7 7 8	24 8 5 4	24 9 3 1	25 0 0 8	25 0 8 4	25 1 6 1	25 2 3 8
5 0 0 0	30 9 7 2	31 0 6 8	31 1 6 4	31 2 6 0	31 3 5 6	31 4 5 2	31 5 4 7
6 0 0 0	37 1 6 7	37 2 8 2	37 3 9 7	37 5 1 2	37 6 2 7	37 7 4 2	37 8 5 7
7 0 0 0	43 3 6 1	43 4 9 5	43 6 3 0	43 7 6 4	43 8 9 8	44 0 3 2	44 1 6 7
8 0 0 0	49 5 5 6	49 7 0 9	49 8 6 3	50 0 1 6	50 1 6 9	50 3 2 3	50 4 7 6
9 0 0 0	55 7 5 0	55 9 2 3	56 0 9 5	56 2 6 8	56 4 4 1	56 6 1 3	56 7 8 6

PRINCIPAL.	330 days	331 days	332 days	333 days	334 days	335 days	336 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 3 2 8	6 3 4 7	6 3 6 7	6 3 8 6	6 4 0 5	6 4 2 4	6 4 4 3
2 0 0 0	12 6 5 7	12 6 9 5	12 7 3 4	12 7 7 2	12 8 1 1	12 8 4 9	12 8 8 7
3 0 0 0	18 9 8 6	19 0 4 3	19 1 0 1	19 1 5 8	19 2 1 6	19 2 7 4	19 3 3 1
4 0 0 0	25 3 1 5	25 3 9 1	25 4 6 8	25 5 4 5	25 6 2 1	25 6 9 8	25 7 7 5
5 0 0 0	31 6 4 3	31 7 3 9	31 8 3 5	31 9 3 1	32 0 2 7	32 1 2 3	32 2 1 9
6 0 0 0	37 9 7 2	38 0 8 7	38 2 0 2	38 3 1 7	38 4 3 2	38 5 4 7	38 6 6 3
7 0 0 0	44 3 0 1	44 4 3 5	44 5 6 9	44 7 0 4	44 8 3 8	44 9 7 2	45 1 0 6
8 0 0 0	50 6 3 0	50 7 8 3	50 9 3 7	51 0 9 0	51 2 4 3	51 3 9 7	51 5 5 0
9 0 0 0	56 9 5 8	57 1 3 1	57 3 0 4	57 4 7 6	57 6 4 9	57 8 2 1	57 9 9 4

PRINCIPAL.	337 days	338 days	339 days	340 days	341 days	342 days	343 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 4 6 3	6 4 8 2	6 5 0 1	6 5 2 0	6 5 3 9	6 5 5 8	6 5 7 8
2 0 0 0	12 9 2 6	12 9 6 4	13 0 0 2	13 0 4 1	13 0 7 9	13 1 1 7	13 1 5 6
3 0 0 0	19 3 8 9	19 4 4 6	19 5 0 4	19 5 6 1	19 6 1 9	19 6 7 6	19 7 3 4
4 0 0 0	25 8 5 2	25 9 2 8	26 0 0 5	26 0 8 2	26 1 5 8	26 2 3 5	26 3 1 2
5 0 0 0	32 3 1 5	32 4 1 1	32 5 0 6	32 6 0 2	32 6 9 8	32 7 9 4	32 8 9 0
6 0 0 0	38 7 7 8	38 8 9 3	39 0 0 8	39 1 2 3	39 2 3 8	39 3 5 3	39 4 6 8
7 0 0 0	45 2 4 1	45 3 7 5	45 5 0 9	45 6 4 3	45 7 8 7	45 9 1 2	46 0 4 6
8 0 0 0	51 7 0 4	51 8 5 7	52 0 1 1	52 1 6 4	52 3 1 7	52 4 7 1	52 6 2 4
9 0 0 0	58 1 6 7	58 3 3 9	58 5 1 2	58 6 8 4	58 8 5 7	59 0 3 0	59 2 0 2

INTEREST at 7 per cent., 344 to 364 days.

PRINCIPAL.	344 days	345 days	346 days	347 days	348 days	349 days	350 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	6 5 9 7	6 6 1 6	6 6 3 5	6 6 5 4	6 6 7 4	6 6 9 3	6 7 1 2
2 0 0 0	13 1 9 4	13 2 3 2	13 2 7 1	13 3 0 9	13 3 4 7	13 3 8 6	13 4 2 4
3 0 0 0	19 7 9 1	19 8 4 9	19 9 0 6	19 9 6 4	20 0 2 1	20 0 7 9	20 1 3 7
4 0 0 0	26 3 8 9	26 4 6 5	26 5 4 2	26 6 1 9	26 6 9 5	26 7 7 2	26 8 4 9
5 0 0 0	32 9 8 6	33 0 8 2	33 1 7 8	33 2 7 4	33 3 6 9	33 4 6 5	33 5 6 1
6 0 0 0	39 5 8 3	39 6 9 8	39 8 1 3	39 9 2 8	40 0 4 3	40 1 5 8	40 2 7 4
7 0 0 0	46 1 8 0	46 3 1 5	46 4 4 9	46 5 8 3	46 7 1 7	46 8 5 2	46 9 8 6
8 0 0 0	52 7 7 8	52 9 3 1	53 0 8 4	53 2 3 8	53 3 9 1	53 5 4 5	53 6 9 8
9 0 0 0	59 3 7 5	59 5 4 7	59 7 2 0	59 8 9 3	60 0 6 5	60 2 3 8	60 4 1 1

PRINCIPAL.	351 days	352 days	353 days	354 days	355 days	356 days	357 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	6 7 3 1	6 7 5 0	6 7 6 9	6 7 8 9	6 8 0 8	6 8 2 7	6 8 4 6
2 0 0 0	13 4 6 3	13 5 0 1	13 5 3 9	13 5 7 8	13 6 1 6	13 6 5 4	13 6 9 3
3 0 0 0	20 1 9 4	20 2 5 2	20 3 0 9	20 3 6 7	20 4 2 4	20 4 8 2	20 5 3 9
4 0 0 0	26 9 2 6	27 0 0 2	27 0 7 9	27 1 5 6	27 2 3 2	27 3 0 9	27 3 8 6
5 0 0 0	33 6 5 7	33 7 5 3	33 8 4 9	33 9 4 5	34 0 4 1	34 1 3 7	34 2 3 2
6 0 0 0	40 3 8 9	40 5 0 4	40 6 1 9	40 7 3 4	40 8 4 9	40 9 6 4	41 0 7 9
7 0 0 0	47 1 2 0	47 2 5 4	47 3 8 9	47 5 2 3	47 6 5 7	47 7 9 1	47 9 2 6
8 0 0 0	53 8 5 2	54 0 0 5	54 1 5 8	54 3 1 2	54 4 6 5	54 6 1 9	54 7 7 2
9 0 0 0	60 5 8 3	60 7 5 6	60 9 2 8	61 1 0 1	61 2 7 4	61 4 4 6	61 6 1 9

PRINCIPAL.	358 days	359 days	360 days	361 days	362 days	363 days	364 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	6 8 6 5	6 8 8 4	6 9 0 4	6 9 2 3	6 9 4 2	6 9 6 1	6 9 8 0
2 0 0 0	13 7 3 1	13 7 6 9	13 8 0 8	13 8 4 6	13 8 8 4	13 9 2 3	13 9 6 1
3 0 0 0	20 5 9 7	20 6 5 4	20 7 1 2	20 7 6 9	20 8 2 7	20 8 8 4	20 9 4 2
4 0 0 0	27 4 6 3	27 5 3 9	27 6 1 6	27 6 9 3	27 7 6 9	27 8 4 6	27 9 2 3
5 0 0 0	34 3 2 8	34 4 2 4	34 5 2 0	34 6 1 6	34 7 1 2	34 8 0 8	34 9 0 4
6 0 0 0	41 1 9 4	41 3 0 9	41 4 2 4	41 5 2 9	41 6 3 4	41 7 3 9	41 8 4 4
7 0 0 0	48 0 6 0	48 1 9 4	48 3 2 8	48 4 6 3	48 5 9 7	48 7 3 1	48 8 6 5
8 0 0 0	54 9 2 6	55 0 7 9	55 2 3 2	55 3 8 6	55 5 3 9	55 6 9 3	55 8 4 6
9 0 0 0	61 7 9 1	61 9 6 4	62 1 3 7	62 3 0 9	62 4 8 2	62 6 5 4	62 8 2 7

INTEREST at 7 per cent., 365 days, and 1 to 12 months.

PRINCIPAL.	365 days	1 month	2 months	3 months	4 months	5 months	6 months
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 0 0 0	5 8 3	1 1 6 6	1 7 5 0	2 3 3 3	2 9 1 6	3 5 0 0
2 0 0 0	14 0 0 0	1 1 6 6	2 3 3 3	3 5 0 0	4 6 6 6	5 8 3 3	7 0 0 0
3 0 0 0	21 0 0 0	1 7 5 0	3 5 0 0	5 2 5 0	7 0 0 0	8 7 5 0	10 5 0 0
4 0 0 0	28 0 0 0	2 3 3 3	4 6 6 6	7 0 0 0	9 3 3 3	11 6 6 6	14 0 0 0
5 0 0 0	35 0 0 0	2 9 1 6	5 8 3 3	8 7 5 0	11 6 6 6	14 5 8 3	17 5 0 0
6 0 0 0	42 0 0 0	3 5 0 0	7 0 0 0	10 5 0 0	14 0 0 0	17 5 0 0	21 0 0 0
7 0 0 0	49 0 0 0	4 0 8 3	8 1 6 6	12 2 5 0	16 3 3 3	20 4 1 6	24 5 0 0
8 0 0 0	56 0 0 0	4 6 6 6	9 3 3 3	14 0 0 0	18 6 6 6	23 3 3 3	28 0 0 0
9 0 0 0	63 0 0 0	5 2 5 0	10 5 0 0	15 7 5 0	21 0 0 0	26 2 5 0	31 5 0 0

PRINCIPAL.	7 months	8 months	9 months	10 months	11 months	12 months
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 0 8 3	4 6 6 6	5 2 5 0	5 8 3 3	6 4 1 6	7 0 0 0
2 0 0 0	8 1 6 6	9 3 3 3	10 5 0 0	11 6 6 6	12 8 3 3	14 0 0 0
3 0 0 0	12 2 5 0	14 0 0 0	15 7 5 0	17 5 0 0	19 2 5 0	21 0 0 0
4 0 0 0	16 3 3 3	18 6 6 6	21 0 0 0	23 3 3 3	25 6 6 6	28 0 0 0
5 0 0 0	20 4 1 6	23 3 3 3	26 2 5 0	29 1 6 6	32 0 8 3	35 0 0 0
6 0 0 0	24 5 0 0	28 0 0 0	31 5 0 0	35 0 0 0	38 5 0 0	42 0 0 0
8 0 0 0	28 5 8 3	32 6 6 6	36 7 5 0	40 8 3 3	44 9 1 6	49 0 0 0
8 0 0 0	32 6 6 6	37 3 3 3	42 0 0 0	46 6 6 6	51 3 3 3	56 0 0 0
9 0 0 0	36 7 5 0	42 0 0 0	47 2 5 0	52 5 0 0	57 7 5 0	63 0 0 0

Simple Interest Rules.

FOUR PER CENT.—Multiply the principal by the number of days to run: separate the right hand figure from the product, and divide by 9.

FIVE PER CENT.—Multiply by number of days, and divide by 72.

SIX PER CENT.—Multiply by number of days; separate right hand figure, and divide by 6.

SEVEN AND THREE-TENTHS PER CENT.—Multiply by number of days, and double the amount so obtained. On \$100 the interest is just 2 cents per day.

EIGHT PER CENT.—Multiply by number of days and divide by 45.

NINE PER CENT.—Multiply by number of days; separate right hand figure, and divide by 4.

TEN PER CENT.—Multiply by number of days, and divide by 36.

TWELVE PER CENT.—Multiply by number of days; separate right hand figure, and divide by 3.

INTEREST at 8 per cent., 1 to 24 days.

PRINCIPAL.	1 day	2 days	3 days	4 days	5 days	6 days	7 days	8 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	0 2 1	0 4 3	0 6 5	0 8 7	1 0 9	1 3 1	1 5 3	1 7 5
2 0 0 0	0 4 3	0 8 7	1 3 1	1 7 5	2 1 9	2 6 3	3 0 6	3 5 0
3 0 0 0	0 6 5	1 3 1	1 9 7	2 6 3	3 2 8	3 9 4	4 6 0	5 2 6
4 0 0 0	0 8 7	1 7 5	2 6 3	3 5 0	4 3 8	5 2 6	6 1 3	7 0 1
5 0 0 0	1 0 9	2 1 9	3 2 8	4 3 8	5 4 7	6 5 7	7 6 7	8 7 6
6 0 0 0	1 3 1	2 6 3	3 9 4	5 2 6	6 5 7	7 8 9	9 2 0	1 0 5 2
7 0 0 0	1 5 3	3 0 6	4 6 0	6 1 3	7 6 7	9 2 0	1 0 7 4	1 2 2 7
8 0 0 0	1 7 5	3 5 0	5 2 6	7 0 1	8 7 6	1 0 5 2	1 2 2 7	1 4 0 2
9 0 0 0	1 9 7	3 9 4	5 9 1	7 8 9	9 8 6	1 1 8 3	1 3 8 0	1 5 7 8

PRINCIPAL.	9 days	10 days	11 days	12 days	13 days	14 days	15 days	16 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1 9 7	2 1 9	2 4 1	2 6 3	2 8 4	3 0 6	3 2 8	3 5 0
2 0 0 0	3 9 4	4 3 8	4 8 2	5 2 6	5 6 9	6 1 3	6 5 7	7 0 1
3 0 0 0	5 9 1	6 5 7	7 2 3	7 8 9	8 5 4	9 2 0	9 8 6	1 0 5 2
4 0 0 0	7 8 9	8 7 6	9 6 4	1 0 5 2	1 1 3 9	1 2 2 7	1 3 1 5	1 4 0 2
5 0 0 0	9 8 6	1 0 9 5	1 2 0 5	1 3 1 5	1 4 2 4	1 5 3 4	1 6 4 3	1 7 5 3
6 0 0 0	1 1 8 3	1 3 1 5	1 4 4 6	1 5 7 8	1 7 0 9	1 8 4 1	1 9 7 2	2 1 0 4
7 0 0 0	1 3 8 0	1 5 3 4	1 6 8 7	1 8 4 1	1 9 0 4	2 1 4 7	2 3 0 1	2 4 5 4
8 0 0 0	1 5 7 8	1 7 5 3	1 9 2 8	2 1 0 4	2 2 7 9	2 4 5 4	2 6 3 0	2 8 0 5
9 0 0 0	1 7 7 5	1 9 7 2	2 1 6 9	2 3 6 7	2 5 6 4	2 7 6 1	2 9 5 8	3 1 5 6

PRINCIPAL.	17 days	18 days	19 days	20 days	21 days	22 days	23 days	24 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 7 2	3 9 4	4 1 6	4 3 8	4 6 0	4 8 2	5 0 4	5 2 6
2 0 0 0	7 4 5	7 8 9	8 3 2	8 7 6	9 2 0	9 6 4	1 0 0 8	1 0 5 2
3 0 0 0	1 1 1 7	1 1 8 3	1 2 4 9	1 3 1 5	1 3 8 0	1 4 4 6	1 5 1 2	1 5 7 8
4 0 0 0	1 4 9 0	1 5 7 8	1 6 6 5	1 7 5 3	1 8 4 1	1 9 2 8	2 0 1 6	2 1 0 4
5 0 0 0	1 8 6 3	1 9 7 2	2 0 8 2	2 1 9 1	2 3 0 1	2 4 1 1	2 5 2 0	2 6 3 0
6 0 0 0	2 2 3 5	2 3 6 7	2 4 9 8	2 6 3 0	2 7 6 1	2 8 9 3	3 0 2 4	3 1 5 6
7 0 0 0	2 6 0 8	2 7 6 1	2 9 1 5	3 0 6 8	3 2 2 1	3 3 7 5	3 5 2 8	3 6 8 2
8 0 0 0	2 9 8 0	3 1 5 6	3 3 3 1	3 5 0 6	3 6 8 2	3 8 5 7	4 0 3 2	4 2 0 8
9 0 0 0	3 3 5 3	3 5 5 0	3 7 4 7	3 9 4 5	4 1 4 2	4 3 3 9	4 5 3 7	4 7 3 4

INTEREST at 8 per cent., 25 to 48 days.

PRINCIPAL.	25 days	26 days	27 days	28 days	29 days	30 days	31 days	32 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	5 4 7	5 6 9	5 9 1	6 1 3	6 3 5	6 5 7	6 7 9	7 0 1
2 0 0 0	1 0 9 5	1 1 3 9	1 1 8 3	1 2 2 7	1 2 7 1	1 3 1 5	1 3 5 8	1 4 0 2
3 0 0 0	1 6 4 3	1 7 0 9	1 7 7 5	1 8 4 1	1 9 0 6	1 9 7 2	2 0 3 8	2 1 0 4
4 0 0 0	2 1 9 1	2 2 7 9	2 3 6 7	2 4 5 4	2 5 4 2	2 6 3 0	2 7 1 7	2 8 0 5
5 0 0 0	2 7 3 9	2 8 4 9	2 9 5 8	3 0 6 8	3 1 7 8	3 2 8 7	3 3 9 7	3 5 0 6
6 0 0 0	3 2 8 7	3 4 1 9	3 5 5 0	3 6 8 2	3 8 1 3	3 9 4 5	4 0 7 6	4 2 0 8
7 0 0 0	3 8 3 5	3 9 8 9	4 1 4 2	4 2 9 5	4 4 4 9	4 6 0 2	4 7 5 6	4 9 0 9
8 0 0 0	4 3 8 3	4 5 5 8	4 7 3 4	4 9 0 9	5 0 8 4	5 2 6 0	5 4 3 5	5 6 1 1
9 0 0 0	4 9 3 1	5 1 2 8	5 3 2 6	5 5 2 3	5 7 2 0	5 9 1 7	6 1 1 5	6 3 1 2

PRINCIPAL.	33 days	34 days	35 days	36 days	37 days	38 days	39 days	40 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 2 3	7 4 5	7 6 7	7 8 9	8 1 1	8 3 2	8 5 4	8 7 6
2 0 0 0	1 4 4 6	1 4 9 0	1 5 3 4	1 5 7 8	1 6 2 1	1 6 6 5	1 7 0 9	1 7 5 3
3 0 0 0	2 1 6 9	2 2 3 5	2 3 0 1	2 3 6 7	2 4 3 2	2 4 9 8	2 5 6 4	2 6 3 0
4 0 0 0	2 8 9 3	2 9 8 0	3 0 6 8	3 1 5 6	3 2 4 3	3 3 3 1	3 4 1 9	3 5 0 6
5 0 0 0	3 6 1 6	3 7 2 6	3 8 3 5	3 9 4 5	4 0 5 4	4 1 6 4	4 2 7 4	4 3 8 3
6 0 0 0	4 3 3 9	4 4 7 1	4 6 0 2	4 7 3 4	4 8 6 5	4 9 9 7	5 1 2 8	5 2 6 0
7 0 0 0	5 0 6 3	5 2 1 6	5 3 6 9	5 5 2 3	5 6 7 6	5 8 3 0	5 9 8 3	6 1 3 7
8 0 0 0	5 7 8 6	5 9 6 1	6 1 3 7	6 3 1 2	6 4 8 7	6 6 6 3	6 8 3 8	7 0 1 3
9 0 0 0	6 5 0 9	6 7 0 6	6 9 0 4	7 1 0 1	7 2 9 8	7 4 9 5	7 6 9 3	7 8 9 0

PRINCIPAL.	41 days	42 days	43 days	44 days	45 days	46 days	47 days	48 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	8 9 8	9 2 0	9 4 2	9 6 4	9 8 6	1 0 0 8	1 0 3 0	1 0 5 2
2 0 0 0	1 7 9 7	1 8 4 1	1 8 8 4	1 9 2 8	1 9 7 2	2 0 1 6	2 0 6 0	2 1 0 4
3 0 0 0	2 6 9 5	2 7 6 1	2 8 2 7	2 8 9 3	2 9 5 8	3 0 2 4	3 0 9 0	3 1 5 6
4 0 0 0	3 5 9 4	3 6 8 2	3 7 6 9	3 8 5 7	3 9 4 5	4 0 3 2	4 1 2 0	4 2 0 8
5 0 0 0	4 4 9 3	4 6 0 2	4 7 1 2	4 8 2 1	4 9 3 1	5 0 4 1	5 1 5 0	5 2 6 0
6 0 0 0	5 3 9 1	5 5 2 3	5 6 5 4	5 7 8 6	5 9 1 7	6 0 4 9	6 1 8 0	6 3 1 2
7 0 0 0	6 2 9 0	6 4 4 3	6 5 9 7	6 7 5 0	6 9 0 4	7 0 5 7	7 2 1 1	7 3 6 4
8 0 0 0	7 1 8 9	7 3 6 4	7 5 3 9	7 7 1 5	7 8 9 0	8 0 6 5	8 2 4 1	8 4 1 6
9 0 0 0	8 0 8 7	8 2 8 4	8 4 8 2	8 6 7 9	8 8 7 6	9 0 7 4	9 2 7 1	9 4 6 8

INTEREST at 8 per cent., 49 to 69 days.

PRINCIPAL.	49 days	50 days	51 days	52 days	53 days	54 days	55 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1 0 7 4	1 0 9 5	1 1 1 7	1 1 3 9	1 1 6 1	1 1 8 3	1 2 0 5
2 0 0 0	2 1 4 7	2 1 9 1	2 2 3 5	2 2 7 9	2 3 2 3	2 3 6 7	2 4 1 1
3 0 0 0	3 2 2 1	3 2 8 7	3 3 5 3	3 4 1 9	3 4 8 4	3 5 5 0	3 6 1 6
4 0 0 0	4 2 9 5	4 3 8 3	4 4 7 1	4 5 5 8	4 6 4 6	4 7 3 4	4 8 2 1
5 0 0 0	5 3 6 9	5 4 7 9	5 5 8 9	5 6 9 8	5 8 0 8	5 9 1 7	6 0 2 7
6 0 0 0	6 4 4 3	6 5 7 5	6 7 0 6	6 8 3 8	6 9 6 9	7 1 0 1	7 2 3 2
7 0 0 0	7 5 1 7	7 6 7 1	7 8 2 4	7 9 7 8	8 1 3 1	8 2 8 4	8 4 3 8
8 0 0 0	8 5 9 1	8 7 6 7	8 9 4 2	9 1 1 7	9 2 9 3	9 4 6 8	9 6 4 3
9 0 0 0	9 6 6 5	9 8 6 3	10 0 6 0	10 2 5 7	10 4 5 4	10 6 5 2	10 8 4 9

PRINCIPAL.	56 days	57 days	58 days	59 days	60 days	61 days	62 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1 2 2 7	1 2 4 9	1 2 7 1	1 2 9 3	1 3 1 5	1 3 3 7	1 3 5 8
2 0 0 0	2 4 5 4	2 4 9 8	2 5 4 2	2 5 8 6	2 6 3 0	2 6 7 4	2 7 1 7
3 0 0 0	3 6 8 2	3 7 4 7	3 8 1 3	3 8 7 9	3 9 4 5	4 0 1 1	4 0 7 6
4 0 0 0	4 9 0 9	4 9 9 7	5 0 8 4	5 1 7 2	5 2 6 0	5 3 4 7	5 4 3 5
5 0 0 0	6 1 3 7	6 2 4 6	6 3 5 6	6 4 6 5	6 5 7 5	6 6 8 4	6 7 9 4
6 0 0 0	7 3 6 4	7 4 9 5	7 6 2 7	7 7 5 8	7 8 9 0	8 0 2 1	8 1 5 3
7 0 0 0	8 5 9 1	8 7 4 5	8 8 9 8	9 0 5 2	9 2 0 5	9 3 5 8	9 5 1 2
8 0 0 0	9 8 1 9	9 9 9 4	10 1 6 9	10 3 4 5	10 5 2 0	10 6 9 5	10 8 7 1
9 0 0 0	11 0 4 6	11 2 4 3	11 4 4 1	11 6 3 8	11 8 3 5	12 0 3 2	12 2 3 0

PRINCIPAL.	63 days	64 days	65 days	66 days	67 days	68 days	69 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1 3 8 0	1 4 0 2	1 4 2 4	1 4 4 6	1 4 6 8	1 4 9 0	1 5 1 2
2 0 0 0	2 7 6 1	2 8 0 5	2 8 4 9	2 8 9 3	2 9 3 7	2 9 8 0	3 0 2 4
3 0 0 0	4 1 4 2	4 2 0 8	4 2 7 4	4 3 3 9	4 4 0 5	4 4 7 1	4 5 3 7
4 0 0 0	5 5 2 3	5 6 1 1	5 6 9 8	5 7 8 6	5 8 7 4	5 9 6 1	6 0 4 9
5 0 0 0	6 9 0 4	7 0 1 3	7 1 2 3	7 2 3 2	7 3 4 2	7 4 5 2	7 5 6 1
6 0 0 0	8 2 8 4	8 4 1 6	8 5 4 7	8 6 7 9	8 8 1 1	8 9 4 2	9 0 7 4
7 0 0 0	9 6 6 5	9 8 1 9	9 9 7 2	10 1 2 6	10 2 7 9	10 4 3 2	10 5 8 6
8 0 0 0	11 0 4 6	11 2 2 1	11 3 9 7	11 5 7 2	11 7 4 7	11 9 2 3	12 0 9 8
9 0 0 0	12 4 2 7	12 6 2 4	12 8 2 1	13 0 1 9	13 2 1 6	13 4 1 3	13 6 1 1

INTEREST at 8 per cent., 70 to 90 days.

55
days

BCD

205
411
616
821
027
232
438
643
849

PRINCIPAL.	70 days	71 days	72 days	73 days	74 days	75 days	76 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	1 5 3 4	1 5 5 6	1 5 7 8	1 6 0 0	1 6 2 1	1 6 4 3	1 6 6 5
2 0 0 0	3 0 6 8	3 1 1 2	3 1 5 6	3 2 0 0	3 2 4 3	3 2 8 7	3 3 3 1
3 0 0 0	4 6 0 2	4 6 6 8	4 7 3 4	4 8 0 0	4 8 6 5	4 9 3 1	4 9 9 7
4 0 0 0	6 1 3 7	6 2 2 4	6 3 1 2	6 4 0 0	6 4 8 7	6 5 7 5	6 6 6 3
5 0 0 0	7 6 7 1	7 7 8 0	7 8 9 0	8 0 0 0	8 1 0 9	8 2 1 9	8 3 2 8
6 0 0 0	9 2 0 5	9 3 3 7	9 4 6 8	9 6 0 0	9 7 3 1	9 8 6 3	9 9 9 4
7 0 0 0	10 7 3 9	10 8 9 3	11 0 4 6	11 2 0 0	11 3 5 3	11 5 0 6	11 6 6 0
8 0 0 0	12 2 7 4	12 4 4 9	12 6 2 4	12 8 0 0	12 9 7 5	13 1 5 0	13 3 2 6
9 0 0 0	13 8 0 8	14 0 0 5	14 2 0 2	14 4 0 0	14 5 9 7	14 7 9 4	14 9 9 1

62
days

BCD

358
717
076
135
194
553
512
771
30

PRINCIPAL.	77 days	78 days	79 days	80 days	81 days	82 days	83 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	1 6 8 7	1 7 0 9	1 7 3 1	1 7 5 3	1 7 7 5	1 7 9 7	1 8 1 9
2 0 0 0	3 3 7 5	3 4 1 9	3 4 6 3	3 5 0 6	3 5 5 0	3 5 9 4	3 6 3 8
3 0 0 0	5 0 6 3	5 1 2 8	5 1 9 4	5 2 6 0	5 3 2 6	5 3 9 1	5 4 5 7
4 0 0 0	6 7 5 0	6 8 3 8	6 9 2 6	7 0 1 3	7 1 0 1	7 1 8 9	7 2 7 6
5 0 0 0	8 4 3 8	8 5 4 7	8 6 5 7	8 7 6 7	8 8 7 6	8 9 8 6	9 0 9 5
6 0 0 0	10 1 2 6	10 2 5 7	10 3 8 9	10 5 2 0	10 6 5 2	10 7 8 3	10 9 1 5
7 0 0 0	11 8 1 3	11 9 6 7	12 1 2 0	12 2 7 4	12 4 2 7	12 5 8 0	12 7 3 4
8 0 0 0	13 5 0 1	13 6 7 6	13 8 5 2	14 0 2 7	14 2 0 2	14 3 7 8	14 5 5 3
9 0 0 0	15 1 8 9	15 3 8 6	15 5 8 3	15 7 8 0	15 9 7 8	16 1 7 5	16 3 7 2

9
days

CD

12
24
37
49
61
74
86
98
11

PRINCIPAL.	84 days	85 days	86 days	87 days	88 days	89 days	90 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	1 8 4 1	1 8 6 3	1 8 8 4	1 9 0 6	1 9 2 8	1 9 5 0	1 9 7 2
2 0 0 0	3 6 8 2	3 7 2 6	3 7 6 9	3 8 1 3	3 8 5 7	3 9 0 1	3 9 4 5
3 0 0 0	5 5 2 3	5 5 8 9	5 6 5 4	5 7 2 0	5 7 8 6	5 8 5 2	5 9 1 7
4 0 0 0	7 3 6 4	7 4 5 2	7 5 3 9	7 6 2 7	7 7 1 5	7 8 0 2	7 8 9 0
5 0 0 0	9 2 0 5	9 3 1 5	9 4 2 4	9 5 3 4	9 6 4 3	9 7 5 3	9 8 6 3
6 0 0 0	11 0 4 6	11 1 7 8	11 3 0 9	11 4 4 1	11 5 7 2	11 7 0 4	11 8 3 5
7 0 0 0	12 8 8 7	13 0 4 1	13 1 9 4	13 3 4 7	13 5 0 1	13 6 5 4	13 8 0 8
8 0 0 0	14 7 2 8	14 9 0 4	15 0 7 9	15 2 5 4	15 4 3 0	15 6 0 5	15 7 8 0
9 0 0 0	16 5 6 9	16 7 6 7	16 9 6 4	17 1 6 1	17 3 5 8	17 5 5 6	17 7 5 3

INTEREST at 8 per cent., 91 to 111 days.

PRINCIPAL.	91 days	92 days	93 days	94 days	95 days	96 days	97 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	1994	2016	2038	2060	2082	2104	2126
2 0 0 0	3989	4032	4076	4120	4164	4208	4252
3 0 0 0	5983	6049	6115	6180	6246	6312	6378
4 0 0 0	7978	8065	8153	8241	8328	8416	8504
5 0 0 0	9972	10082	10191	10301	10411	10520	10630
6 0 0 0	11967	12098	12230	12361	12493	12624	12756
7 0 0 0	13961	14115	14268	14421	14575	14728	14882
8 0 0 0	15956	16131	16306	16482	16657	16832	17008
9 0 0 0	17950	18147	18345	18542	18739	18937	19134

PRINCIPAL.	98 days	99 days	100 days	101 days	102 days	103 days	104 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2147	2169	2191	2213	2235	2257	2279
2 0 0 0	4295	4339	4383	4427	4471	4515	4558
3 0 0 0	6443	6509	6575	6641	6706	6772	6838
4 0 0 0	8591	8679	8767	8854	8942	9030	9117
5 0 0 0	10739	10849	10958	11068	11178	11287	11397
6 0 0 0	12887	13019	13150	13282	13413	13545	13676
7 0 0 0	15035	15189	15342	15495	15649	15802	15956
8 0 0 0	17183	17358	17534	17709	17884	18060	18235
9 0 0 0	19331	19528	19726	19923	20120	20317	20515

PRINCIPAL.	105 days	106 days	107 days	108 days	109 days	110 days	111 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2301	2323	2345	2367	2389	2411	2432
2 0 0 0	4602	4646	4690	4734	4778	4821	4865
3 0 0 0	6904	6969	7035	7101	7167	7232	7298
4 0 0 0	9205	9293	9380	9468	9556	9643	9731
5 0 0 0	11506	11616	11726	11835	11945	12054	12164
6 0 0 0	13808	13939	14071	14202	14334	14465	14597
7 0 0 0	16109	16263	16416	16569	16723	16876	17030
8 0 0 0	18411	18586	18761	18937	19112	19287	19463
9 0 0 0	20712	20909	21106	21304	21501	21698	21895

INTEREST at 8 per cent., 112 to 132 days.

PRINCIPAL.	112 days	113 days	114 days	115 days	116 days	117 days	118 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 4 5 4	2 4 7 6	2 4 9 8	2 5 2 0	2 5 4 2	2 5 6 4	2 5 8 6
2 0 0 0	4 9 0 9	4 9 5 3	4 9 9 7	5 0 4 1	5 0 8 4	5 1 2 8	5 1 7 2
3 0 0 0	7 3 6 4	7 4 3 0	7 4 9 5	7 5 6 1	7 6 2 7	7 6 9 3	7 7 5 8
4 0 0 0	9 8 1 9	9 9 0 6	9 9 9 4	10 0 8 2	10 1 6 9	10 2 5 7	10 3 4 5
5 0 0 0	12 2 7 4	12 3 8 8	12 4 9 3	12 6 0 2	12 7 1 2	12 8 2 1	12 9 3 1
6 0 0 0	14 7 2 8	14 8 6 0	14 9 9 1	15 1 2 3	15 2 5 4	15 3 8 6	15 5 1 7
7 0 0 0	17 1 8 3	17 3 3 7	17 4 9 0	17 6 4 3	17 7 9 7	17 9 5 0	18 1 0 4
8 0 0 0	19 6 3 8	19 8 1 1	19 9 8 9	20 1 6 4	20 3 3 9	20 5 1 5	20 6 9 0
9 0 0 0	22 0 9 3	22 2 9 0	22 4 8 7	22 6 8 4	22 8 8 2	23 0 7 9	23 2 7 6

PRINCIPAL.	119 days	120 days	121 days	122 days	123 days	124 days	125 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 6 0 8	2 6 3 0	2 6 5 2	2 6 7 4	2 6 9 5	2 7 1 7	2 7 3 9
2 0 0 0	5 2 1 6	5 2 6 0	5 3 0 4	5 3 4 7	5 3 9 1	5 4 3 5	5 4 7 9
3 0 0 0	7 8 2 4	7 8 9 0	7 9 5 6	8 0 2 1	8 0 8 7	8 1 5 3	8 2 1 9
4 0 0 0	10 4 3 2	10 5 2 0	10 6 0 8	10 6 9 5	10 7 8 3	10 8 7 1	10 9 5 8
5 0 0 0	13 0 4 1	13 1 5 0	13 2 6 0	13 3 6 9	13 4 7 9	13 5 8 9	13 6 9 8
6 0 0 0	15 6 4 9	15 7 8 0	15 9 1 2	16 0 4 3	16 1 7 5	16 3 0 6	16 4 3 8
7 0 0 0	18 2 5 7	18 4 1 1	18 5 6 4	18 7 1 7	18 8 7 1	19 0 2 4	19 1 7 8
8 0 0 0	20 8 6 5	21 0 4 1	21 2 1 6	21 3 9 1	21 5 6 7	21 7 4 2	21 9 1 7
9 0 0 0	23 4 7 4	23 6 7 1	23 8 6 8	24 0 6 5	24 2 6 2	24 4 6 0	24 6 5 7

PRINCIPAL.	126 days	127 days	128 days	129 days	130 days	131 days	132 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	2 7 6 1	2 7 8 3	2 8 0 5	2 8 2 7	2 8 4 9	2 8 7 1	2 8 9 3
2 0 0 0	5 5 2 3	5 5 6 7	5 6 1 1	5 6 5 4	5 6 9 8	5 7 4 2	5 7 8 6
3 0 0 0	8 2 8 4	8 3 5 0	8 4 1 6	8 4 8 2	8 5 4 7	8 6 1 3	8 6 7 9
4 0 0 0	11 0 4 6	11 1 3 4	11 2 2 1	11 3 0 9	11 3 9 7	11 4 8 4	11 5 7 2
5 0 0 0	13 8 0 8	13 9 1 7	14 0 2 7	14 1 3 7	14 2 4 6	14 3 5 6	14 4 6 5
6 0 0 0	16 5 6 9	16 7 0 1	16 8 3 2	16 9 6 4	17 0 9 5	17 2 2 7	17 3 5 8
7 0 0 0	19 3 3 1	19 4 8 4	19 6 3 8	19 7 9 1	19 9 4 5	20 0 9 8	20 2 5 2
8 0 0 0	22 0 9 3	22 2 6 8	22 4 4 3	22 6 1 9	22 7 9 4	22 9 6 9	23 1 4 5
9 0 0 0	24 8 5 4	25 0 5 2	25 2 4 9	25 4 4 6	25 6 4 3	25 8 4 1	26 0 3 8

INTEREST at 8 per cent., 133 to 153 days.

PRINCIPAL.	133 days	134 days	135 days	136 days	137 days	138 days	139 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	2915	2937	2958	2980	3002	3024	3046
2 0 0 0	5830	5874	5917	5961	6005	6049	6093
3 0 0 0	8745	8811	8876	8942	9008	9074	9139
4 0 0 0	11660	11747	11835	11923	12011	12098	12186
5 0 0 0	14575	14684	14794	14904	15013	15123	15232
6 0 0 0	17490	17621	17753	17884	18016	18147	18279
7 0 0 0	20405	20558	20712	20865	21019	21172	21326
8 0 0 0	23320	23495	23671	23846	24021	24197	24372
9 0 0 0	26235	26432	26630	26827	27024	27221	27419

PRINCIPAL.	140 days	141 days	142 days	143 days	144 days	145 days	146 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	3068	3090	3112	3134	3156	3178	3200
2 0 0 0	6137	6180	6224	6268	6312	6356	6400
3 0 0 0	9205	9271	9337	9402	9468	9534	9600
4 0 0 0	12274	12361	12449	12537	12624	12712	12800
5 0 0 0	15342	15452	15561	15671	15780	15890	16000
6 0 0 0	18411	18542	18674	18805	18937	19068	19200
7 0 0 0	21479	21632	21786	21939	22093	22246	22400
8 0 0 0	24547	24723	24898	25074	25249	25424	25600
9 0 0 0	27616	27813	28011	28208	28405	28602	28800

PRINCIPAL.	147 days	148 days	149 days	150 days	151 days	152 days	153 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	3221	3243	3265	3287	3309	3331	3353
2 0 0 0	6443	6487	6531	6575	6619	6663	6706
3 0 0 0	9665	9731	9797	9863	9928	9994	10060
4 0 0 0	12887	12975	13063	13150	13238	13326	13413
5 0 0 0	16109	16219	16328	16438	16547	16657	16767
6 0 0 0	19331	19463	19594	19726	19857	19989	20120
7 0 0 0	22553	22706	22860	23013	23167	23320	23474
8 0 0 0	25775	25950	26126	26301	26476	26652	26827
9 0 0 0	28997	29194	29391	29589	29786	29983	30180

INTEREST at 8 per cent., 154 to 174 days.

PRINCIPAL.	154 days	155 days	156 days	157 days	158 days	159 days	160 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 3 7 5	3 3 9 7	3 4 1 9	3 4 4 1	3 4 6 3	3 4 8 4	3 5 0 6
2 0 0 0	6 7 5 0	6 7 9 4	6 8 3 8	6 8 8 2	6 9 2 6	6 9 6 9	7 0 1 3
3 0 0 0	10 1 2 6	10 1 9 1	10 2 5 7	10 3 2 3	10 3 8 9	10 4 5 4	10 5 2 0
4 0 0 0	13 5 0 1	13 5 8 9	13 6 7 6	13 7 6 4	13 8 5 2	13 9 3 9	14 0 2 7
5 0 0 0	16 8 7 6	16 9 8 6	17 0 9 5	17 2 0 5	17 3 1 5	17 4 2 4	17 5 3 4
6 0 0 0	20 2 5 2	20 3 8 3	20 5 1 5	20 6 4 6	20 7 7 8	20 9 0 9	21 0 4 1
7 0 0 0	23 6 2 7	23 7 8 0	23 9 3 4	24 0 8 7	24 2 4 1	24 3 9 4	24 5 4 7
8 0 0 0	27 0 0 2	27 1 7 8	27 3 5 3	27 5 2 8	27 7 0 4	27 8 7 9	28 0 5 4
9 0 0 0	30 3 7 8	30 5 7 5	30 7 7 2	30 9 6 9	31 1 6 7	31 3 6 4	31 5 6 1

PRINCIPAL.	161 days	162 days	163 days	164 days	165 days	166 days	167 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 5 2 8	3 5 5 0	3 5 7 2	3 5 9 4	3 6 1 6	3 6 3 8	3 6 6 0
2 0 0 0	7 0 5 7	7 1 0 1	7 1 4 5	7 1 8 9	7 2 3 2	7 2 7 6	7 3 2 0
3 0 0 0	10 5 8 6	10 6 5 2	10 7 1 7	10 7 8 3	10 8 4 9	10 9 1 5	10 9 8 0
4 0 0 0	14 1 1 5	14 2 0 2	14 2 9 0	14 3 7 8	14 4 6 5	14 5 5 3	14 6 4 1
5 0 0 0	17 6 4 3	17 7 5 3	17 8 6 3	17 9 7 2	18 0 8 2	18 1 9 1	18 3 0 1
6 0 0 0	21 1 7 2	21 3 0 4	21 4 3 5	21 5 6 7	21 6 9 8	21 8 3 0	21 9 6 1
7 0 0 0	24 7 0 1	24 8 5 4	25 0 0 8	25 1 6 1	25 3 1 5	25 4 6 8	25 6 2 1
8 0 0 0	28 2 3 0	28 4 0 5	28 5 8 0	28 7 5 6	28 9 3 1	29 1 0 6	29 2 8 2
9 0 0 0	31 7 5 8	31 9 5 6	32 1 5 3	32 3 5 0	32 5 4 7	32 7 4 5	32 9 4 2

PRINCIPAL.	168 days	169 days	170 days	171 days	172 days	173 days	174 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 6 8 2	3 7 0 4	3 7 2 6	3 7 4 7	3 7 6 9	3 7 9 1	3 8 1 3
2 0 0 0	7 3 6 4	7 4 0 8	7 4 5 2	7 4 9 5	7 5 3 9	7 5 8 3	7 6 2 7
3 0 0 0	11 0 4 6	11 1 1 2	11 1 7 8	11 2 4 3	11 3 0 9	11 3 7 5	11 4 4 1
4 0 0 0	14 7 2 8	14 8 1 6	14 9 0 4	14 9 9 1	15 0 7 9	15 1 6 7	15 2 5 4
5 0 0 0	18 4 1 1	18 5 2 0	18 6 3 0	18 7 3 9	18 8 4 9	18 9 5 8	19 0 6 8
6 0 0 0	22 0 9 3	22 2 2 4	22 3 5 6	22 4 8 7	22 6 1 9	22 7 5 0	22 8 8 2
7 0 0 0	25 7 7 5	25 9 2 8	26 0 8 2	26 2 3 5	26 3 8 9	26 5 4 2	26 6 9 5
8 0 0 0	29 4 5 7	29 6 3 2	29 8 0 8	29 9 8 3	30 1 5 8	30 3 3 4	30 5 0 9
9 0 0 0	33 1 3 9	33 3 3 7	33 5 3 4	33 7 3 1	33 9 2 8	34 1 2 6	34 3 2 3

INTEREST at 8 per cent., 175 to 195 days.

PRINCIPAL.	175 days	176 days	177 days	178 days	179 days	180 days	181 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 8 3 5	3 8 5 7	3 8 7 9	3 9 0 1	3 9 2 3	3 9 4 5	3 9 6 7
2 0 0 0	7 6 7 1	7 7 1 5	7 7 5 8	7 8 0 2	7 8 4 6	7 8 9 0	7 9 3 4
3 0 0 0	11 5 0 6	11 5 7 2	11 6 3 8	11 7 0 4	11 7 6 9	11 8 3 5	11 9 0 1
4 0 0 0	15 3 4 2	15 4 3 0	15 5 1 7	15 6 0 5	15 6 9 3	15 7 8 0	15 8 6 8
5 0 0 0	19 1 7 8	19 2 8 7	19 3 9 7	19 5 0 6	19 6 1 6	19 7 2 6	19 8 3 5
6 0 0 0	23 0 1 3	23 1 4 5	23 2 7 6	23 4 0 8	23 5 3 9	23 6 7 1	23 8 0 2
7 0 0 0	26 8 4 9	27 0 0 2	27 1 5 6	27 3 0 9	27 4 6 3	27 6 1 6	27 7 6 9
8 0 0 0	30 6 8 4	30 8 6 0	31 0 3 5	31 2 1 1	31 3 8 6	31 5 6 1	31 7 3 7
9 0 0 0	34 5 2 0	34 7 1 7	34 9 1 5	35 1 1 2	35 3 0 9	35 5 0 6	35 7 0 4

PRINCIPAL.	182 days	183 days	184 days	185 days	186 days	187 days	188 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	3 9 8 9	4 0 1 1	4 0 3 2	4 0 5 4	4 0 7 6	4 0 9 8	4 1 2 0
2 0 0 0	7 9 7 8	8 0 2 1	8 0 6 5	8 1 0 9	8 1 5 3	8 1 9 7	8 2 4 1
3 0 0 0	11 9 6 7	12 0 3 2	12 0 9 8	12 1 6 4	12 2 3 0	12 2 9 5	12 3 6 1
4 0 0 0	15 9 5 6	16 0 4 3	16 1 3 1	16 2 1 9	16 3 0 6	16 3 9 4	16 4 8 2
5 0 0 0	19 9 4 5	20 0 5 4	20 1 6 4	20 2 7 4	20 3 8 3	20 4 9 3	20 6 0 2
6 0 0 0	23 9 3 4	24 0 6 5	24 1 9 7	24 3 2 8	24 4 6 0	24 5 9 1	24 7 2 3
7 0 0 0	27 9 2 3	28 0 7 6	28 2 3 0	28 3 8 3	28 5 3 7	28 6 9 0	28 8 4 3
8 0 0 0	31 9 1 2	32 0 8 7	32 2 6 3	32 4 3 8	32 6 1 3	32 7 8 9	32 9 6 4
9 0 0 0	35 9 0 1	36 0 9 8	36 2 9 5	36 4 9 3	36 6 9 0	36 8 8 7	37 0 8 4

PRINCIPAL.	189 days	190 days	191 days	192 days	193 days	194 days	195 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 1 4 2	4 1 6 4	4 1 8 6	4 2 0 8	4 2 3 0	4 2 5 2	4 2 7 4
2 0 0 0	8 2 8 4	8 3 2 8	8 3 7 2	8 4 1 6	8 4 6 0	8 5 0 4	8 5 4 7
3 0 0 0	12 4 2 7	12 4 9 3	12 5 5 8	12 6 2 4	12 6 9 0	12 7 5 6	12 8 2 1
4 0 0 0	16 5 6 9	16 6 5 7	16 7 4 5	16 8 3 2	16 9 2 0	17 0 0 8	17 0 9 5
5 0 0 0	20 7 1 2	20 8 2 1	20 9 3 1	21 0 4 1	21 1 5 0	21 2 6 0	21 3 6 9
6 0 0 0	24 8 5 4	24 9 8 6	25 1 1 7	25 2 4 9	25 3 8 0	25 5 1 2	25 6 4 3
7 0 0 0	28 9 9 7	29 1 5 0	29 3 0 4	29 4 5 7	29 6 1 1	29 7 6 4	29 9 1 7
8 0 0 0	33 1 3 9	33 3 1 5	33 4 9 0	33 6 6 5	33 8 4 1	34 0 1 6	34 1 9 1
9 0 0 0	37 2 8 2	37 4 7 9	37 6 7 6	37 8 7 4	38 0 7 1	38 2 6 8	38 4 6 5

INTEREST at 8 per cent., 196 to 216 days.

PRINCIPAL.	196 days	197 days	198 days	199 days	200 days	201 days	202 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 2 9 5	4 3 1 7	4 3 3 9	4 3 6 1	4 3 8 3	4 4 0 5	4 4 2 7
2 0 0 0	8 5 9 1	8 6 3 5	8 6 7 9	8 7 2 3	8 7 6 7	8 8 1 1	8 8 5 4
3 0 0 0	12 8 8 7	12 9 5 3	13 0 1 9	13 0 8 4	13 1 5 0	13 2 1 6	13 2 8 2
4 0 0 0	17 1 8 3	17 2 7 1	17 3 5 8	17 4 4 6	17 5 3 4	17 6 2 1	17 7 0 9
5 0 0 0	21 4 7 9	21 5 8 9	21 6 9 8	21 8 0 8	21 9 1 7	22 0 2 7	22 1 3 7
6 0 0 0	25 7 7 5	25 9 0 6	26 0 3 8	26 1 6 9	26 3 0 1	26 4 3 2	26 5 6 4
7 0 0 0	30 0 7 1	30 2 2 4	30 3 7 8	30 5 3 1	30 6 8 4	30 8 3 8	30 9 9 1
8 0 0 0	34 3 6 7	34 5 4 2	34 7 1 7	34 8 9 3	35 0 6 8	35 2 4 3	35 4 1 9
9 0 0 0	38 6 6 3	38 8 6 0	39 0 5 7	39 2 5 4	39 4 5 2	39 6 4 9	39 8 4 6

PRINCIPAL.	203 days	204 days	205 days	206 days	207 days	208 days	209 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 4 4 9	4 4 7 1	4 4 9 3	4 5 1 5	4 5 3 7	4 5 5 8	4 5 8 0
2 0 0 0	8 8 9 8	8 9 4 2	8 9 8 6	9 0 3 0	9 0 7 4	9 1 1 7	9 1 6 1
3 0 0 0	13 3 4 7	13 4 1 3	13 4 7 9	13 5 4 5	13 6 1 1	13 6 7 6	13 7 4 2
4 0 0 0	17 7 9 7	17 8 8 4	17 9 7 2	18 0 6 0	18 1 4 7	18 2 3 5	18 3 2 3
5 0 0 0	22 2 4 6	22 3 5 6	22 4 6 5	22 5 7 5	22 6 8 4	22 7 9 4	22 9 0 4
6 0 0 0	26 6 9 5	26 8 2 7	26 9 5 8	27 0 9 0	27 2 2 1	27 3 5 3	27 4 8 4
7 0 0 0	31 1 4 5	31 2 9 8	31 4 5 2	31 6 0 5	31 7 5 8	31 9 1 2	32 0 6 5
8 0 0 0	35 5 9 4	35 7 6 9	35 9 4 5	36 1 2 0	36 2 9 5	36 4 7 1	36 6 4 6
9 0 0 0	40 0 4 3	40 2 4 1	40 4 3 8	40 6 3 5	40 8 3 2	41 0 3 0	41 2 2 7

PRINCIPAL.	210 days	211 days	212 days	213 days	214 days	215 days	216 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 6 0 2	4 6 2 4	4 6 4 6	4 6 6 8	4 6 9 0	4 7 1 2	4 7 3 4
2 0 0 0	9 2 0 5	9 2 4 9	9 2 9 3	9 3 3 7	9 3 8 0	9 4 2 4	9 4 6 8
3 0 0 0	13 8 0 8	13 8 7 4	13 9 3 9	14 0 0 5	14 0 7 1	14 1 3 7	14 2 0 2
4 0 0 0	18 4 1 1	18 4 9 8	18 5 8 6	18 6 7 4	18 7 6 1	18 8 4 9	18 9 3 7
5 0 0 0	23 0 1 3	23 1 2 3	23 2 3 2	23 3 4 2	23 4 5 2	23 5 6 1	23 6 7 1
6 0 0 0	27 6 1 6	27 7 4 7	27 8 7 9	28 0 1 1	28 1 4 2	28 2 7 4	28 4 0 5
7 0 0 0	32 2 1 9	32 3 7 2	32 5 2 6	32 6 7 9	32 8 3 2	32 9 8 6	33 1 3 9
8 0 0 0	36 8 2 1	36 9 9 7	37 1 7 2	37 3 4 7	37 5 2 3	37 6 9 8	37 8 7 4
9 0 0 0	41 4 2 4	41 6 2 1	41 8 1 9	42 0 1 6	42 2 1 3	42 4 1 1	42 6 0 8

INTEREST at 8 per cent., 217 to 237 days.

PRINCIPAL.	217 days	218 days	219 days	220 days	221 days	222 days	223 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 7 5 6	4 7 7 8	4 8 0 0	4 8 2 1	4 8 4 3	4 8 6 5	4 8 8 7
2 0 0 0	9 5 1 2	9 5 5 6	9 6 0 0	9 6 4 3	9 6 8 7	9 7 3 1	9 7 7 5
3 0 0 0	14 2 6 8	14 3 3 4	14 4 0 0	14 4 6 5	14 5 3 1	14 5 9 7	14 6 6 3
4 0 0 0	19 0 2 4	19 1 1 2	19 2 0 0	19 2 8 7	19 3 7 5	19 4 6 3	19 5 5 0
5 0 0 0	23 7 8 0	23 8 9 0	24 0 0 0	24 1 0 9	24 2 1 9	24 3 2 8	24 4 3 8
6 0 0 0	28 5 3 7	28 6 6 8	28 8 0 0	28 9 3 1	29 0 6 3	29 1 9 4	29 3 2 6
7 0 0 0	33 2 9 3	33 4 4 6	33 6 0 0	33 7 5 3	33 9 0 6	34 0 6 0	34 2 1 3
8 0 0 0	38 0 4 9	38 2 2 4	38 4 0 0	38 5 7 5	38 7 5 0	38 9 2 6	39 1 0 1
9 0 0 0	42 8 0 5	43 0 0 2	43 2 0 0	43 3 9 7	43 5 9 4	43 7 9 1	43 9 8 9

PRINCIPAL.	224 days	225 days	226 days	227 days	228 days	229 days	230 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	4 9 0 9	4 9 3 1	4 9 5 3	4 9 7 5	4 9 9 7	5 0 1 9	5 0 4 1
2 0 0 0	9 8 1 9	9 8 6 3	9 9 0 6	9 9 5 0	9 9 9 4	10 0 3 8	10 0 8 2
3 0 0 0	14 7 2 8	14 7 9 4	14 8 6 0	14 9 2 6	14 9 9 1	15 0 5 7	15 1 2 3
4 0 0 0	19 6 3 8	19 7 2 6	19 8 1 3	19 9 0 1	19 9 8 9	20 0 7 6	20 1 6 4
5 0 0 0	24 5 4 7	24 6 5 7	24 7 6 7	24 8 7 6	24 9 8 6	25 0 9 5	25 2 0 5
6 0 0 0	29 4 5 7	29 5 8 9	29 7 2 0	29 8 5 2	29 9 8 3	30 1 1 5	30 2 4 6
8 0 0 0	34 3 6 7	34 5 2 0	34 6 7 4	34 8 2 7	34 9 8 0	35 1 3 4	35 2 8 7
8 0 0 0	39 2 7 6	39 4 5 2	39 6 2 7	39 8 0 2	39 9 7 8	40 1 5 3	40 3 2 8
9 0 0 0	44 1 8 6	44 3 8 3	44 5 8 0	44 7 7 8	44 9 7 5	45 1 7 2	45 3 6 9

PRINCIPAL.	231 days	232 days	233 days	234 days	235 days	236 days	237 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	5 0 6 3	5 0 8 4	5 1 0 6	5 1 2 8	5 1 5 0	5 1 7 2	5 1 9 4
2 0 0 0	10 1 2 6	10 1 6 9	10 2 1 3	10 2 5 7	10 3 0 1	10 3 4 5	10 3 8 9
3 0 0 0	15 1 8 9	15 2 5 4	15 3 2 0	15 3 3 6	15 4 5 2	15 5 1 7	15 5 8 3
4 0 0 0	20 2 5 2	20 3 3 9	20 4 2 7	20 5 1 5	20 6 0 2	20 6 9 0	20 7 7 8
5 0 0 0	25 3 1 5	25 4 2 4	25 5 3 4	25 6 4 3	25 7 5 3	25 8 6 3	25 9 7 2
6 0 0 0	30 3 7 8	30 5 0 9	30 6 4 1	30 7 7 2	30 9 0 4	31 0 3 5	31 1 6 7
7 0 0 0	35 4 4 1	35 5 9 4	35 7 4 7	35 9 0 1	36 0 5 4	36 2 0 8	36 3 6 1
8 0 0 0	40 5 0 4	40 6 7 9	40 8 5 4	41 0 3 0	41 2 0 5	41 3 8 0	41 5 5 6
9 0 0 0	45 5 6 7	45 7 6 4	45 9 6 1	46 1 5 8	46 3 5 6	46 5 5 3	46 7 5 0

INTEREST at 8 per cent., 238 to 258 days.

PRINCIPAL.	238 days	239 days	240 days	241 days	242 days	243 days	244 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	5 2 1 6	5 2 3 8	5 2 6 0	5 2 8 2	5 3 0 4	5 3 2 6	5 3 4 7
2 0 0 0	10 4 3 2	10 4 7 6	10 5 2 0	10 5 6 4	10 6 0 8	10 6 5 2	10 6 9 5
3 0 0 0	15 6 4 9	15 7 1 5	15 7 8 0	15 8 4 6	15 9 1 2	15 9 7 8	16 0 4 3
4 0 0 0	20 8 6 5	20 9 5 3	21 0 4 1	21 1 2 8	21 2 1 6	21 3 0 4	21 3 9 1
5 0 0 0	26 0 8 2	26 1 9 1	26 3 0 1	26 4 1 1	26 5 2 0	26 6 3 0	26 7 3 9
6 0 0 0	31 2 9 8	31 4 3 0	31 5 6 1	31 6 9 3	31 8 2 4	31 9 5 6	32 0 8 7
7 0 0 0	36 5 1 5	36 6 6 8	36 8 2 1	36 9 7 3	37 1 2 8	37 2 8 2	37 4 3 5
8 0 0 0	41 7 3 1	41 9 0 6	42 0 8 2	42 2 5 7	42 4 3 2	42 6 0 8	42 7 8 3
9 0 0 0	46 9 4 7	47 1 4 5	47 3 4 2	47 5 3 1	47 7 3 7	47 9 3 4	48 1 3 1

PRINCIPAL.	245 days	246 days	247 days	248 days	249 days	250 days	251 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	5 3 6 9	5 3 9 1	5 4 1 3	5 4 3 5	5 4 5 7	5 4 7 9	5 5 0 1
2 0 0 0	10 7 3 9	10 7 8 3	10 8 2 7	10 8 7 1	10 9 1 5	10 9 5 8	11 0 0 2
3 0 0 0	16 1 0 9	16 1 7 5	16 2 4 1	16 3 0 6	16 3 7 2	16 4 3 8	16 5 0 4
4 0 0 0	21 4 7 9	21 5 6 7	21 6 5 4	21 7 4 2	21 8 3 0	21 9 1 7	22 0 0 5
5 0 0 0	26 8 4 9	26 9 5 8	27 0 6 8	27 1 7 8	27 2 8 7	27 3 9 7	27 5 0 6
6 0 0 0	32 2 1 9	32 3 5 0	32 4 8 2	32 6 1 3	32 7 4 5	32 8 7 6	33 0 0 8
7 0 0 0	37 5 8 9	37 7 4 2	37 8 9 5	38 0 4 9	38 2 0 2	38 3 5 6	38 5 0 9
8 0 0 0	42 9 5 8	43 1 3 4	43 3 0 9	43 4 8 4	43 6 6 0	43 8 3 5	44 0 1 1
9 0 0 0	48 3 2 8	48 5 2 6	48 7 2 3	48 9 2 0	49 1 1 7	49 3 1 5	49 5 1 2

PRINCIPAL.	252 days	253 days	254 days	255 days	256 days	257 days	258 days
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	5 5 2 3	5 5 4 5	5 5 6 7	5 5 8 9	5 6 1 1	5 6 3 2	5 6 5 4
2 0 0 0	11 0 4 6	11 0 9 0	11 1 3 4	11 1 7 8	11 2 2 1	11 2 6 5	11 3 0 9
3 0 0 0	16 5 6 9	16 6 3 5	16 7 0 1	16 7 6 7	16 8 3 2	16 8 9 8	16 9 6 4
4 0 0 0	22 0 9 3	22 1 8 0	22 2 6 8	22 3 5 6	22 4 4 3	22 5 3 1	22 6 1 9
5 0 0 0	27 6 1 6	27 7 2 6	27 8 3 5	27 9 4 5	28 0 5 4	28 1 6 4	28 2 7 4
6 0 0 0	33 1 3 9	33 2 7 1	33 4 0 2	33 5 3 4	33 6 6 5	33 7 9 7	33 9 2 8
7 0 0 0	38 6 6 3	38 8 1 6	38 9 6 9	39 1 2 3	39 2 7 6	39 4 3 0	39 5 8 3
8 0 0 0	44 1 8 6	44 3 6 1	44 5 2 7	44 7 1 2	44 8 8 7	45 0 6 3	45 2 3 8
9 0 0 0	49 7 0 9	49 9 0 6	50 1 3 4	50 3 0 1	50 4 9 8	50 6 9 5	50 8 9 3

INTEREST at 8 per cent., 259 to 279 days.

PRINCIPAL.	259 days	260 days	261 days	262 days	263 days	264 days	265 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	5 6 7 6	5 6 9 8	5 7 2 0	5 7 4 2	5 7 6 4	5 7 8 6	5 8 0 8
2 0 0 0	11 3 5 3	11 3 9 7	11 4 4 1	11 4 8 4	11 5 2 8	11 5 7 2	11 6 1 6
3 0 0 0	17 0 3 0	17 0 9 5	17 1 6 1	17 2 2 7	17 2 9 3	17 3 5 8	17 4 2 4
4 0 0 0	22 7 0 6	22 7 9 4	22 8 8 2	22 9 6 9	23 0 5 7	23 1 4 5	23 2 3 2
5 0 0 0	28 3 8 3	28 4 9 3	28 6 0 2	28 7 1 2	28 8 2 1	28 9 3 1	29 0 4 1
6 0 0 0	34 0 6 0	34 1 9 1	34 3 2 3	34 4 5 4	34 5 8 6	34 7 1 7	34 8 4 9
7 0 0 0	39 7 3 7	39 8 9 0	40 0 4 3	40 1 9 7	40 3 5 0	40 5 0 4	40 6 5 7
8 0 0 0	45 4 1 3	45 5 8 9	45 7 6 4	45 9 3 9	46 1 1 5	46 2 9 0	46 4 6 5
9 0 0 0	51 0 9 0	51 2 8 7	51 4 8 4	51 6 8 2	51 8 7 9	52 0 7 6	52 2 7 4

PRINCIPAL.	266 days	267 days	268 days	269 days	270 days	271 days	272 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	5 8 3 0	5 8 5 2	5 8 7 4	5 8 9 5	5 9 1 7	5 9 3 9	5 9 6 1
2 0 0 0	11 6 6 0	11 7 0 4	11 7 4 7	11 7 9 1	11 8 3 5	11 8 7 9	11 9 2 3
3 0 0 0	17 4 9 0	17 5 5 6	17 6 2 1	17 6 8 7	17 7 5 3	17 8 1 9	17 8 8 4
4 0 0 0	23 3 2 0	23 4 0 8	23 4 9 5	23 5 8 3	23 6 7 1	23 7 5 8	23 8 4 6
5 0 0 0	29 1 5 0	29 2 6 0	29 3 6 9	29 4 7 9	29 5 8 9	29 6 9 8	29 8 0 8
6 0 0 0	34 9 8 0	35 1 1 2	35 2 4 3	35 3 7 5	35 5 0 6	35 6 3 8	35 7 6 9
7 0 0 0	40 8 1 1	40 9 6 4	41 1 1 7	41 2 7 1	41 4 2 4	41 5 7 8	41 7 3 1
8 0 0 0	46 6 4 1	46 8 1 6	46 9 9 1	47 1 6 7	47 3 4 2	47 5 1 7	47 6 9 3
9 0 0 0	52 4 7 1	52 6 6 8	52 8 6 5	53 0 6 3	53 2 6 0	53 4 5 7	53 6 5 4

PRINCIPAL.	273 days	274 days	275 days	376 days	277 days	278 days	279 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	5 9 8 3	6 0 0 5	6 0 2 7	6 0 4 9	6 0 7 1	6 0 9 3	6 1 1 5
2 0 0 0	11 9 6 7	12 0 1 1	12 0 5 4	12 0 9 8	12 1 4 2	12 1 8 6	12 2 3 0
3 0 0 0	17 9 5 0	18 0 1 6	18 0 8 2	18 1 4 7	18 2 1 3	18 2 7 9	18 3 4 5
4 0 0 0	23 9 3 4	24 0 2 1	24 1 0 9	24 1 9 7	24 2 8 4	24 3 7 2	24 4 6 0
5 0 0 0	29 9 1 7	30 0 2 7	30 1 3 7	30 2 4 6	30 3 5 6	30 4 6 5	30 5 7 5
6 0 0 0	35 9 0 1	36 0 3 2	36 1 6 4	36 2 9 5	36 4 2 7	36 5 5 8	36 6 9 0
7 0 0 0	41 8 8 4	42 0 3 8	42 1 9 1	42 3 4 5	42 4 9 8	42 6 5 2	42 8 0 5
8 0 0 0	47 8 6 8	48 0 4 3	48 2 1 9	48 3 9 4	48 5 6 9	48 7 4 5	48 9 2 0
9 0 0 0	53 8 5 2	54 0 4 9	54 2 4 6	54 4 4 3	54 6 4 1	54 8 3 8	55 0 3 5

INTEREST at 8 per cent., 280 to 300 days.

PRINCIPAL.	280 days	281 days	232 days	283 days	284 days	285 days	286 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 1 3 7	6 1 5 8	6 1 8 0	6 2 0 2	6 2 2 4	6 2 4 6	6 2 6 8
2 0 0 0	12 2 7 4	12 3 1 7	12 3 6 1	12 4 0 5	12 4 4 9	12 4 9 3	12 5 3 7
3 0 0 0	18 4 1 1	18 4 7 6	18 5 4 1	18 6 0 8	18 6 7 4	18 7 3 9	18 8 0 5
4 0 0 0	24 5 4 7	24 6 3 5	24 7 2 2	24 8 1 1	24 8 9 8	24 9 8 6	25 0 7 4
5 0 0 0	30 6 8 4	30 7 9 4	30 9 0 0	31 0 1 3	31 1 2 3	31 2 3 2	31 3 4 2
6 0 0 0	36 8 2 1	36 9 5 3	37 0 8 0	37 2 1 6	37 3 4 7	37 4 7 9	37 6 1 1
7 0 0 0	42 9 5 8	43 1 1 2	43 2 6 0	43 3 4 1	43 5 7 2	43 7 2 6	43 8 7 9
8 0 0 0	49 0 9 5	49 2 7 1	49 4 4 0	49 6 2 1	49 7 9 7	49 9 7 2	50 1 4 7
9 0 0 0	55 2 3 2	55 4 3 0	55 6 2 1	55 8 2 4	56 0 2 1	56 2 1 9	56 4 1 9

PRINCIPAL.	287 days	288 days	289 days	290 days	291 days	292 days	293 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 2 9 0	6 3 1 2	6 3 3 3	6 3 5 6	6 3 7 8	6 4 0 0	6 4 2 1
2 0 0 0	12 5 8 0	12 6 2 4	12 6 6 8	12 7 1 2	11 7 5 6	12 8 0 0	12 8 4 3
3 0 0 0	18 8 7 1	18 9 3 7	19 0 0 2	19 0 6 8	19 1 3 4	19 2 0 0	19 2 6 5
4 0 0 0	25 1 6 1	25 2 4 9	25 3 3 7	25 4 2 4	25 5 1 2	25 6 0 0	25 6 8 7
5 0 0 0	31 4 5 2	31 5 6 1	31 6 7 1	31 7 8 0	31 8 9 0	32 0 0 0	32 1 0 9
6 0 0 0	37 7 4 2	37 8 7 4	38 0 0 5	38 1 3 7	38 2 6 8	38 4 0 0	38 5 3 1
7 0 0 0	44 0 3 2	44 1 8 6	44 3 3 9	44 4 9 3	44 6 4 6	44 8 0 0	44 9 5 3
8 0 0 0	50 3 2 3	50 4 9 8	50 6 7 4	50 8 4 9	51 0 2 4	51 2 0 0	51 3 7 5
9 0 0 0	56 6 1 3	56 8 1 1	57 0 0 8	57 2 0 5	57 4 0 2	57 6 0 0	57 7 9 7

PRINCIPAL.	294 days	295 days	296 days	297 days	298 days	299 days	300 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 4 4 3	6 4 6 5	6 4 8 7	6 5 0 9	6 5 3 1	6 5 5 3	6 5 7 5
2 0 0 0	12 8 8 7	12 9 3 1	12 9 7 5	13 0 1 9	13 0 6 3	13 1 0 6	13 1 5 0
3 0 0 0	19 3 3 1	19 3 9 7	19 4 6 3	19 5 2 8	19 5 9 4	19 6 6 0	19 7 2 6
4 0 0 0	25 7 7 5	25 8 6 3	25 9 5 0	26 0 3 8	26 1 2 6	26 2 1 3	26 3 0 1
5 0 0 0	32 2 1 9	32 3 2 8	32 4 3 8	32 5 4 7	32 6 5 7	32 7 6 7	32 8 7 6
6 0 0 0	38 6 6 3	38 7 9 4	38 9 2 6	39 0 5 7	39 1 8 9	39 3 2 0	39 4 5 2
7 0 0 0	45 1 0 6	45 2 6 0	45 4 1 3	45 5 6 7	45 7 2 0	45 8 7 4	46 0 2 7
8 0 0 0	51 5 5 0	51 7 2 6	51 9 0 1	52 0 7 6	52 2 5 2	52 4 2 7	52 6 0 2
9 0 0 0	57 9 9 4	58 1 9 1	58 3 8 9	58 5 8 6	58 7 8 3	58 9 8 0	59 1 7 8

INTEREST at 8 per cent., 301 to 321 days.

PRINCIPAL.	301 days	302 days	303 days	304 days	305 days	306 days	307 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 5 9 7	6 6 1 9	6 6 4 1	6 6 6 3	6 6 8 4	6 7 0 6	6 7 2 8
2 0 0 0	13 1 9 4	13 2 3 8	13 2 8 2	13 3 2 6	13 3 6 9	13 4 1 3	13 4 5 7
3 0 0 0	19 7 9 1	19 8 5 7	19 9 2 3	19 9 8 9	20 0 5 4	20 1 2 0	20 1 8 6
4 0 0 0	26 3 8 9	26 4 7 6	26 5 6 4	26 6 5 2	26 7 3 9	26 8 2 7	26 9 1 5
5 0 0 0	32 9 8 6	33 0 9 5	33 2 0 5	33 3 1 5	33 4 2 4	33 5 3 4	33 6 4 3
6 0 0 0	39 5 8 3	39 7 1 5	39 8 4 6	39 9 7 8	40 1 0 9	40 2 4 1	40 3 7 2
7 0 0 0	46 1 8 0	46 3 3 4	46 4 8 7	46 6 4 1	46 7 9 4	46 9 4 7	47 1 0 1
8 0 0 0	52 7 7 8	52 9 5 3	53 1 2 8	53 2 0 1	53 4 7 9	53 6 5 4	53 8 3 0
9 0 0 0	59 3 7 5	59 5 7 2	59 7 6 9	59 9 7 6	60 1 6 4	60 3 6 1	60 5 5 8

PRINCIPAL.	308 days	309 days	310 days	311 days	312 days	313 days	314 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 7 5 0	6 7 7 2	6 7 9 4	6 8 1 6	6 8 3 8	6 8 6 0	6 8 8 2
2 0 0 0	13 5 0 1	13 5 4 5	13 5 8 9	13 6 3 2	13 6 7 6	13 7 2 0	13 7 6 4
3 0 0 0	20 2 5 2	20 3 1 7	20 3 8 3	20 4 4 9	20 5 1 5	20 5 8 0	20 6 4 6
4 0 0 0	27 0 0 2	27 0 9 0	27 1 7 8	27 2 6 5	27 3 5 3	27 4 4 1	27 5 2 9
5 0 0 0	33 7 5 3	33 8 6 3	33 9 7 2	34 0 8 2	34 1 9 1	34 3 0 1	34 4 1 1
6 0 0 0	40 5 0 4	40 6 3 5	40 7 6 7	40 8 9 8	41 0 3 0	41 1 6 1	41 2 9 3
7 0 0 0	47 2 5 4	47 4 0 8	47 5 6 1	47 7 1 5	47 8 6 8	48 0 2 1	48 1 7 5
8 0 0 0	54 0 0 5	54 1 8 0	54 3 5 6	54 5 3 1	54 7 0 6	54 8 8 2	55 0 5 7
9 0 0 0	60 7 5 6	60 9 5 3	61 1 5 0	61 3 4 7	61 5 4 5	61 7 4 2	61 9 3 9

PRINCIPAL.	315 days	316 days	317 days	318 days	319 days	320 days	321 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	6 9 0 4	6 9 2 6	6 9 4 7	6 9 6 9	6 9 9 1	7 0 1 3	7 0 3 5
2 0 0 0	13 8 0 8	13 8 5 2	13 8 9 5	13 9 3 9	13 9 8 3	14 0 2 7	14 0 7 1
3 0 0 0	20 7 1 2	20 7 7 8	20 8 4 3	20 9 0 9	20 9 7 5	21 0 4 1	21 1 0 6
4 0 0 0	27 6 1 6	27 7 0 4	27 7 9 1	27 8 7 9	27 9 6 7	28 0 5 4	28 1 4 2
5 0 0 0	34 5 2 0	34 6 3 0	34 7 3 9	34 8 4 9	34 9 5 8	35 0 6 8	35 1 7 8
6 0 0 0	41 4 2 4	41 5 5 2	41 6 8 7	41 8 1 9	41 9 5 0	42 0 8 2	42 2 1 3
7 0 0 0	48 3 2 8	48 4 8 2	48 6 3 5	48 7 8 9	48 9 4 2	49 0 9 5	49 2 4 9
8 0 0 0	55 2 3 2	55 4 0 8	55 5 8 3	55 7 5 8	55 9 3 4	56 1 0 9	56 2 8 4
9 0 0 0	62 1 3 7	62 3 3 4	62 5 3 1	62 7 2 8	62 9 2 6	63 1 2 3	63 3 2 0

INTEREST at 8 per cent., 322 to 342 days.

PRINCIPAL.	322 days	323 days	324 days	325 days	326 days	327 days	328 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 0 5 7	7 0 7 9	7 1 0 1	7 1 2 3	7 1 4 5	7 1 6 7	7 1 8 9
2 0 0 0	14 1 1 5	14 1 5 8	14 2 0 2	14 2 4 6	14 2 9 0	14 3 3 4	14 3 7 8
3 0 0 0	21 1 7 2	21 2 3 8	21 3 0 4	21 3 6 9	21 4 3 5	21 5 0 1	21 5 6 7
4 0 0 0	28 2 3 0	28 3 1 7	28 4 0 5	28 4 9 3	28 5 8 0	28 6 6 8	28 7 5 6
5 0 0 0	35 2 8 7	35 3 9 7	35 5 0 6	35 6 1 6	35 7 2 6	35 8 3 5	35 9 4 5
6 0 0 0	42 3 4 5	42 4 7 6	42 6 0 8	42 7 3 9	42 8 7 1	43 0 0 2	43 1 3 4
7 0 0 0	49 4 0 2	49 5 5 6	49 7 0 9	49 8 5 3	50 0 1 6	50 1 6 9	50 3 2 3
8 0 0 0	56 4 6 0	56 6 3 5	56 8 1 1	56 9 8 6	57 1 6 1	57 3 3 7	57 5 1 2
9 0 0 0	63 5 1 7	63 7 1 5	63 9 1 2	64 1 0 9	64 3 0 6	64 5 0 4	64 7 0 1

PRINCIPAL.	329 days	330 days	331 days	332 days	333 days	334 days	335 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 2 1 1	7 2 3 2	7 2 5 4	7 2 7 6	7 2 9 8	7 3 2 0	7 3 4 2
2 0 0 0	14 4 2 1	14 4 6 5	14 5 0 9	14 5 5 3	14 5 9 7	14 6 4 1	14 6 8 4
3 0 0 0	21 6 3 2	21 6 9 8	21 7 6 4	21 8 3 0	21 8 9 5	21 9 6 1	22 0 2 7
4 0 0 0	28 8 4 3	28 9 3 1	29 0 1 9	29 1 0 6	29 1 9 4	29 2 8 2	29 3 6 9
5 0 0 0	36 0 5 4	36 1 6 4	36 2 7 4	36 3 8 3	36 4 9 3	36 6 0 2	36 7 1 2
6 0 0 0	43 2 6 5	43 3 9 7	43 5 2 8	43 6 6 0	43 7 9 1	43 9 2 3	44 0 5 4
7 0 0 0	50 4 7 6	50 6 3 0	50 7 8 3	50 9 3 7	51 0 9 0	51 2 4 3	51 3 9 7
8 0 0 0	57 6 8 7	57 8 6 3	58 0 3 8	58 2 1 3	58 3 8 9	58 5 6 4	58 7 3 9
9 0 0 0	64 8 9 8	65 0 9 5	65 2 9 3	65 4 9 0	65 6 8 7	65 8 8 4	66 0 8 2

PRINCIPAL.	336 days	337 days	338 days	339 days	340 days	341 days	342 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 3 6 4	7 3 8 6	7 4 0 8	7 4 3 0	7 4 5 2	7 4 7 4	7 4 9 5
2 0 0 0	14 7 2 8	14 7 7 2	14 8 1 6	14 8 6 0	14 9 0 4	14 9 4 7	14 9 9 1
3 0 0 0	22 0 9 3	22 1 5 8	22 2 2 4	22 2 9 0	22 3 5 6	22 4 2 1	22 4 8 7
4 0 0 0	29 4 5 7	29 5 4 5	29 6 3 2	29 7 2 0	29 8 0 8	29 8 9 5	29 9 8 3
5 0 0 0	36 8 2 1	36 9 3 1	37 0 4 1	37 1 5 0	37 2 6 0	37 3 6 9	37 4 7 9
6 0 0 0	44 1 8 6	44 3 1 7	44 4 4 9	44 5 8 0	44 7 1 2	44 8 4 3	44 9 7 5
7 0 0 0	51 5 5 0	51 7 0 4	51 8 5 7	52 0 1 1	52 1 6 4	52 3 1 7	52 4 7 1
8 0 0 0	58 9 1 5	59 0 9 0	59 2 6 5	59 4 4 1	59 6 1 6	59 7 9 1	59 9 6 7
9 0 0 0	66 2 7 9	66 4 7 6	66 6 7 4	66 8 7 1	67 0 6 8	67 2 6 5	67 4 6 3

INTEREST at 8 per cent., 343 to 363 days.

PRINCIPAL.	343 days	344 days	345 days	346 days	347 days	348 days	349 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 5 1 7	7 5 3 9	7 5 6 1	7 5 8 3	7 6 0 5	7 6 2 7	7 6 4 9
2 0 0 0	15 0 3 5	15 0 7 9	15 1 2 3	16 1 6 7	15 2 1 1	15 2 5 4	15 2 9 8
3 0 0 0	22 5 5 3	22 6 1 9	22 6 8 4	22 7 5 0	22 8 1 6	22 8 8 2	22 9 4 7
4 0 0 0	30 0 7 1	30 1 5 8	30 2 4 6	30 3 3 4	30 4 2 1	30 5 0 9	30 5 9 7
5 0 0 0	37 5 8 9	37 6 9 8	37 8 0 8	37 9 1 7	38 0 2 7	38 1 3 7	38 2 4 6
6 0 0 0	45 1 0 6	45 2 3 8	45 3 6 9	45 5 0 1	45 6 3 2	45 7 6 4	45 8 9 5
7 0 0 0	52 6 2 4	52 7 7 8	52 9 3 1	53 0 8 4	53 2 3 8	53 3 9 1	53 5 4 5
8 0 0 0	60 1 4 2	60 3 1 7	60 4 9 3	60 6 6 8	60 8 4 3	61 0 1 9	61 1 9 4
9 0 0 0	67 6 6 0	67 8 5 7	68 0 5 4	68 2 5 2	68 4 4 9	68 6 4 6	68 8 4 3

PRINCIPAL.	350 days	351 days	352 days	353 days	354 days	355 days	356 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 6 7 1	7 6 9 3	7 7 1 5	7 7 3 7	7 7 5 8	7 7 8 0	7 8 0 2
2 0 0 0	15 3 4 2	15 3 8 6	15 4 3 0	15 4 7 4	15 5 1 7	15 5 6 1	15 6 0 5
3 0 0 0	23 0 1 3	23 0 7 9	23 1 4 5	23 2 1 1	23 2 7 6	23 3 4 2	23 4 0 8
4 0 0 0	30 6 8 4	30 7 7 2	30 8 6 0	30 9 4 7	31 0 3 5	31 1 2 3	31 2 1 1
5 0 0 0	38 3 5 6	38 4 6 5	38 5 7 5	38 6 8 4	38 7 9 4	38 9 0 4	39 0 1 3
6 0 0 0	46 0 2 7	46 1 5 8	46 2 9 0	46 4 2 1	46 5 5 3	46 6 8 4	46 8 1 6
7 0 0 0	53 6 9 8	53 8 5 2	54 0 0 5	54 1 5 8	54 3 1 2	54 4 6 5	54 6 1 9
8 0 0 0	61 3 6 9	61 5 4 5	61 7 2 0	61 8 9 5	62 0 7 1	62 2 4 6	62 4 2 1
9 0 0 0	69 0 4 1	69 2 3 8	69 4 3 5	69 6 3 2	69 8 3 0	70 0 2 7	70 2 2 4

PRINCIPAL.	357 days	358 days	359 days	360 days	361 days	362 days	363 days
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
1 0 0 0	7 8 2 4	7 8 4 6	7 8 6 8	7 8 9 0	7 9 1 2	7 9 3 4	7 9 5 6
2 0 0 0	15 6 4 9	15 6 9 3	15 7 3 7	15 7 8 0	15 8 2 4	15 8 6 8	15 9 1 2
3 0 0 0	23 4 7 4	23 5 3 9	23 6 0 5	23 6 7 1	23 7 3 7	23 8 0 2	23 8 6 8
4 0 0 0	31 2 9 8	31 3 8 6	31 4 7 4	31 5 6 1	31 6 4 9	31 7 3 7	31 8 2 4
5 0 0 0	39 1 2 3	39 2 3 2	39 3 4 2	39 4 5 2	39 5 6 1	39 6 7 1	39 7 8 0
6 0 0 0	46 9 4 7	47 0 7 9	47 2 1 1	47 3 4 2	47 4 7 4	47 6 0 5	47 7 3 7
7 0 0 0	54 7 7 2	54 9 2 6	55 0 7 9	55 2 3 2	55 3 8 6	55 5 3 9	55 6 9 3
8 0 0 0	62 5 9 7	62 7 7 2	62 9 4 7	63 1 2 3	63 2 9 8	63 4 7 4	63 6 4 9
0 0 0	70 4 2 1	70 6 1 9	70 8 1 6	71 0 1 3	71 2 1 1	71 4 0 8	71 6 0 5

INTEREST at 8 per cent., 364 to 365 days.—1 to 12 mos.

PRINCIPAL.	364 days	365 days	1 month	2 months	3 months
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	7 9 7 8	8 0 0 0	6 6 6	1 3 3 3	2 0 0 0
2 0 0 0	15 9 5 6	16 0 0 0	1 3 3 3	2 6 6 6	4 0 0 0
3 0 0 0	23 9 3 4	24 0 0 0	2 0 0 0	4 0 0 0	6 0 0 0
4 0 0 0	31 9 1 2	32 0 0 0	2 6 6 6	5 3 3 3	8 0 0 0
5 0 0 0	39 8 9 0	40 0 0 0	3 3 3 3	6 6 6 6	10 0 0 0
6 0 0 0	47 8 6 8	48 0 0 0	4 0 0 0	8 0 0 0	12 0 0 0
7 0 0 0	55 8 4 6	56 0 0 0	4 6 6 6	9 3 3 3	14 0 0 0
8 0 0 0	63 8 2 4	64 0 0 0	5 3 3 3	10 6 6 6	16 0 0 0
9 0 0 0	71 8 0 2	72 0 0 0	6 0 0 0	12 0 0 0	18 0 0 0

PRINCIPAL.	4 months	5 months	6 months	7 months	8 months
ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	2 6 6 6	3 3 3 3	4 0 0 0	4 6 6 6	5 3 3 3
2 0 0 0	5 3 3 3	6 6 6 6	8 0 0 0	9 3 3 3	10 6 6 6
3 0 0 0	8 0 0 0	10 0 0 0	12 0 0 0	14 0 0 0	16 0 0 0
4 0 0 0	10 6 6 6	13 3 3 3	16 0 0 0	18 6 6 6	21 3 3 3
5 0 0 0	13 3 3 3	16 6 6 6	20 0 0 0	23 3 3 3	26 6 6 6
6 0 0 0	16 0 0 0	20 0 0 0	24 0 0 0	28 0 0 0	32 0 0 0
7 0 0 0	18 6 6 6	23 3 3 3	28 0 0 0	32 6 6 6	37 3 3 3
8 0 0 0	21 3 3 3	26 6 6 6	32 0 0 0	37 3 3 3	42 6 6 6
9 0 0 0	24 0 0 0	30 0 0 0	36 0 0 0	42 0 0 0	48 0 0 0

PRINCIPAL.	9 months	10 months	11 months	12 months
ABCD	ABCD	ABCD	ABCD	ABCD
1 0 0 0	6 0 0 0	6 6 6 6	7 3 3 3	8 0 0 0
2 0 0 0	12 0 0 0	13 3 3 3	14 6 6 7	16 0 0 0
3 0 0 0	18 0 0 0	20 0 0 0	22 0 0 0	24 0 0 0
4 0 0 0	24 0 0 0	26 6 6 6	29 3 3 3	32 0 0 0
5 0 0 0	30 0 0 0	33 3 3 3	36 6 6 7	40 0 0 0
6 0 0 0	36 0 0 0	40 0 0 0	44 0 0 0	48 0 0 0
7 0 0 0	42 0 0 0	46 6 6 6	51 3 3 3	56 0 0 0
8 0 0 0	48 0 0 0	53 3 3 3	58 6 6 7	64 0 0 0
9 0 0 0	54 0 0 0	60 0 0 0	66 0 0 0	72 0 0 0

Savings Bank Compound Interest Table.

Showing the amount of \$1, from 1 year to 15 years, with Compound Interest added semi-annually, at different rates.

		3	4	5	6	7	8	9	10
		per ct.	per ct.	per ct.	per ct.	per ct.	per ct.	per ct.	per ct.
$\frac{1}{2}$ year	.....	\$1 01	\$1 02	\$1 02	\$1 03	\$1 03	\$1 04	\$1 04	\$1 05
1 "	.....	1 03	1 04	1 05	1 06	1 07	1 08	1 09	1 10
1 $\frac{1}{2}$ "	.....	1 04	1 06	1 07	1 09	1 10	1 12	1 14	1 15
2 "	.....	1 06	1 08	1 10	1 12	1 14	1 16	1 19	1 21
2 $\frac{1}{2}$ "	.....	1 07	1 10	1 13	1 15	1 18	1 21	1 24	1 27
3 "	.....	1 09	1 12	1 15	1 19	1 22	1 26	1 30	1 34
3 $\frac{1}{2}$ "	.....	1 10	1 14	1 18	1 22	1 27	1 31	1 36	1 40
4 "	.....	1 12	1 17	1 21	1 26	1 31	1 36	1 42	1 47
4 $\frac{1}{2}$ "	.....	1 14	1 19	1 24	1 30	1 36	1 42	1 48	1 55
5 "	.....	1 16	1 21	1 28	1 34	1 41	1 48	1 55	1 62
5 $\frac{1}{2}$ "	.....	1 17	1 24	1 31	1 38	1 45	1 53	1 62	1 71
6 "	.....	1 19	1 26	1 34	1 42	1 51	1 60	1 69	1 79
6 $\frac{1}{2}$ "	.....	1 21	1 29	1 37	1 46	1 56	1 66	1 77	1 88
7 "	.....	1 23	1 31	1 41	1 51	1 61	1 72	1 85	1 97
7 $\frac{1}{2}$ "	.....	1 24	1 34	1 44	1 55	1 67	1 80	1 93	2 07
8 "	.....	1 26	1 37	1 48	1 60	1 73	1 87	2 02	2 18
8 $\frac{1}{2}$ "	.....	1 28	1 39	1 52	1 65	1 79	1 94	2 11	2 29
9 "	.....	1 3	1 42	1 55	1 70	1 85	2 02	2 20	2 40
9 $\frac{1}{2}$ "	.....	1 32	1 44	1 59	1 75	1 92	2 10	2 30	2 52
10 "	.....	1 34	1 48	1 63	1 80	1 98	2 19	2 41	2 65
11 "	.....	1 38	1 54	1 72	1 91	2 13	2 36	2 63	2 92
12 "	.....	1 42	1 60	1 80	2 03	2 28	2 56	2 87	3 22
13 "	.....	1 47	1 67	1 90	2 15	2 44	2 77	3 14	3 55
14 "	.....	1 51	1 73	1 99	2 28	2 62	2 99	3 42	3 62
15 "	.....	1 56	1 80	2 09	2 44	2 80	3 24	3 74	4 32

A Table,

Showing the number of days from any day in one month to the same day in any other month throughout the year. In leap year, add one day, for 29th February.

to	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Jan.	365	31	59	90	120	151	181	212	243	273	304	304
Feb.	334	365	28	59	89	120	150	181	212	242	273	333
Mar.	306	337	365	31	61	92	122	153	184	214	245	275
April	275	306	334	365	30	61	91	122	153	183	214	244
May	245	276	304	335	335	31	61	92	123	153	184	214
June	214	245	273	304	334	365	30	61	92	122	153	183
July	184	215	243	274	304	335	365	31	62	92	123	153
Aug.	153	184	212	243	273	304	334	365	31	61	92	122
Sept.	122	153	181	212	242	273	303	334	365	30	61	91
Oct.	92	123	151	182	212	243	273	304	335	365	31	61
Nov.	61	92	120	151	181	212	242	273	304	334	365	30
Dec.	31	62	90	121	151	182	212	243	274	304	335	365

Look for April at the left hand, and Sept. at the top; in the angle is 153.

Equivalent of British Money in Canadian Currency at 9½ or par of Exchange.

Stg.	Can. Cy.	Stg.	Can. Cy.	Stg.	Can. Cy.	Stg.	Can. Cy.
d.	\$ c.	£	\$ c.	£	\$ c.	£	\$ c.
1	0.01	5	24.33	40	194.67	75	365.00
1	0.02	6	29.20	41	199.53	76	369.87
2	00.4	7	34.07	42	204.40	77	374.73
3	0.06	8	38.93	43	209.27	78	379.60
4	0.08	9	43.80	44	214.13	79	384.47
5	0.10	10	48.67	45	219.00	80	389.33
6	0.12	11	53.53	46	223.87	81	394.20
7	0.14	12	58.40	47	228.73	82	399.07
8	0.16	13	63.27	48	233.60	83	403.93
9	0.18	14	68.13	49	238.47	84	408.80
10	0.20	15	73.00	50	243.33	85	413.67
11	0.22	16	77.87	51	248.20	86	418.53
a.		17	82.73	52	253.07	87	423.40
1	0.24	18	87.60	53	257.93	88	428.27
2	0.49	19	92.47	54	262.80	89	433.13
3	0.73	20	97.33	55	267.67	90	438.00
4	0.97	21	102.20	56	272.53	91	442.87
5	1.22	22	107.07	57	277.40	92	447.73
6	1.46	23	111.93	58	282.27	93	452.60
7	1.70	24	116.80	59	287.13	94	457.47
8	1.95	25	121.67	60	292.00	95	462.33
9	2.19	26	126.53	61	296.87	96	467.20
10	2.43	27	131.40	62	301.73	97	472.07
11	2.68	28	136.27	63	306.60	98	476.93
12	2.92	29	141.13	64	311.47	99	481.80
13	3.16	30	146.00	65	316.33	100	486.67
14	3.41	31	150.87	66	321.20	200	973.34
15	3.65	32	155.73	67	326.07	300	1460.00
16	3.89	33	160.60	68	330.93	400	1946.67
17	4.14	34	165.47	69	335.80	500	2433.33
18	4.38	35	170.33	70	340.67	600	2920.00
19	4.62	36	175.20	71	345.53	700	3406.67
£ 1	4.87	37	180.07	72	350.40	800	3893.33
2	9.73	38	184.93	73	355.27	900	4380.00
3	14.60	39	189.80	74	360.13	1000	4866.67
4	19.47						

Rate of Annual Income on Investments,

Par value being \$100, bearing Interest at

Price Paid.	5 per cent.	6 per cent.	7 per cent.	8 per cent.	10 per cent.
\$50	10 00	12 00	14 00	16 00	20 00
55	9 09	10 90	12 72	14 55	18 18
60	8 33	10 00	11 66	13 33	16 66
65	7 69	9 23	10 76	12 30	15 33
70	7 14	8 57	10 00	11 42	14 23
75	6 66	8 00	9 33	10 66	13 35
80	6 25	7 50	8 75	10 00	12 60
85	5 88	7 17	8 48	9 09	11 12
87½	5 83	7 05	8 23	9 41	11 76
87½	5 71	6 85	8 00	9 14	11 42
90	5 55	6 66	7 77	8 88	11 11
92½	5 40	6 43	7 56	8 64	10 80
95	5 26	6 31	7 36	8 42	10 52
98	5 20	6 25	7 29	8 33	10 41
97	5 15	6 18	7 21	8 24	10 30
97½	5 12	6 15	7 17	8 20	10 25
93	5 10	6 12	7 14	8 13	10 20
99	5 05	6 06	7 07	8 08	10 10
100	5 00	6 00	7 00	8 00	10 00
101	4 95	5 94	6 83	7 92	9 99
102	4 90	5 88	6 86	7 84	9 80
103	4 85	5 82	6 79	7 76	9 70
104	4 80	5 76	6 73	7 69	9 61
105	4 76	5 71	6 68	7 61	9 52
110	4 51	5 45	6 36	7 27	9 09
115	4 34	5 21	6 08	6 95	8 49
120	4 16	5 00	5 83	6 66	8 33
15	4 0	4 80	5 60	6 40	8 00
180	3 84	4 61	5 33	6 15	7 69
135	3 70	4 44	5 13	5 92	7 40
140	3 57	4 28	5 00	5 71	7 14
145	3 44	4 13	4 82	5 51	6 89
150	3 33	4 00	4 66	5 33	6 66

Results of Saving Small Amounts of Money.

The following shows how easy it is to accumulate a fortune, provided proper steps are taken. The table shows what would be the result at the end of fifty years by saving a certain amount each day and putting it at interest at the rate of six per cent.:

Daily Savings.	The Result.	Daily Savings.	The Result.
One cent	\$95 1	Sixty cents	\$57,024
Ten cents	9504	Seventy cents	66,523
Twenty cents	19,006	Eighty cents	76,032
Thirty cents	28,512	Ninety cents	85,537
Forty cents	38,015	One dollar	95,041
Fifty cents	47,520	Five dollars	475,208

Nearly every person wastes enough in twenty or thirty years, which, if saved and carefully invested, would make a family quite independent; but the principle of small savings has been lost sight of in the general desire to become wealthy.

Time at which Money Doubles at Interest.

Rate per cent.	Simple Interest.	Compound Interest.
2.....	50 years.	35 years 1 day.
2½.....	40 years.	28 years 26 days.
3.....	33 years 4 months.	23 years 164 days.
3½.....	28 years 208 days.	20 years 54 days.
4.....	25 years.	17 years 246 days.
4½.....	22 years 81 days.	15 years 273 days.
5.....	20 years.	15 years 75 days.
6.....	16 years 8 months.	14 years 327 days.
7.....	14 years 104 days.	10 years 89 days.
8.....	12½ years.	9 years 2 days.
9.....	11 years 40 days.	8 years 16 days.
10.....	10 years.	7 years 100 days.

ONE DOLLAR LOANED 100 YEARS at Compound Interest would amount to the following sum :

1 per cent.....	\$2 75	12 per cent.....	\$84,675.00
3 ".....	19.25	15 ".....	1,174,405.00
6 ".....	340.00	18 ".....	15,145,207.00
10 ".....	13,809.00	24 ".....	2,551,799,404.00

Number of Nails and Tacks per Pound.

NAILS.			TACKS.		
Name.	Size.	No. per lb.	Name.	Length.	No. per lb.
3 penny, fine	1½ inch.....	760 nails	1 oz.....	1 inch.....	16,000
3 ".....	1½ ".....	480 "	1½ ".....	3-16 ".....	10,866
4 ".....	1½ ".....	800 "	2 ".....	½ ".....	8,000
5 ".....	1½ ".....	200 "	2½ ".....	5-16 ".....	6,400
6 ".....	2 ".....	160 "	3 ".....	¾ ".....	5,333
7 ".....	2½ ".....	128 "	4 ".....	7-16 ".....	4,000
8 ".....	2½ ".....	92 "	6 ".....	9-16 ".....	2,666
9 ".....	2½ ".....	72 "	8 ".....	1 ".....	2,000
10 ".....	3 ".....	60 "	10 ".....	11-16 ".....	1,600
12 ".....	3½ ".....	44 "	12 ".....	1½ ".....	1,333
16 ".....	3½ ".....	32 "	14 ".....	13-16 ".....	1,143
20 ".....	4 ".....	24 "	16 ".....	1½ ".....	1,000
30 ".....	4½ ".....	18 "	18 ".....	15-16 ".....	888
40 ".....	5 ".....	14 "	20 ".....	1 ".....	800
50 ".....	5½ ".....	12 "	22 ".....	1-16 ".....	727
6 ".....	fence 2 ".....	80 "	24 ".....	1½ ".....	666
8 ".....	" 2½ ".....	50 "			
10 ".....	" 3 ".....	34 "			
12 ".....	" 3½ ".....	29 "			

Great Divisions of the World, WITH AREA AND POPULATION.

	Area.	Population.
Europe.....	3,830,357 square miles.....	312 millions.
Asia.....	16,415,758 ".....	765 "
Africa.....	11,556,650 ".....	188 "
N. and S. America.....	16,014,058 ".....	87 "
Australia.....	4,338,025 ".....	4 "

The Marks and Rules in Punctuation.

1. The Comma (,) denotes a slight pause, and divides a sentence into its component parts.
2. The Semicolon (;) indicates a longer pause, and also divides compound sentences.
3. The Colon (:) is placed between the chief divisions of a sentence, when these are but slightly connected.
4. The Period (.) denotes the close of a sentence.
5. The Dash (—) indicates a sudden change of subject.
6. The Interrogation point (?) is used when a question is asked.
7. The Exclamation point (!) denotes wonder or astonishment.
8. The Parenthesis () includes something not essential to the sense.
9. Quotation marks (" ") indicate a verbatim quotation.
10. The Hyphen (-) connects the syllables, or parts of a word.
11. The Caret (^) denotes that some letter, word, or phrase has been omitted.
12. Brackets ([]) are chiefly used to denote corrections.
13. The Ellipsis (***), (—) denotes the omission of letters or words.
14. The index (†) points to something of special significance.

RULES FOR PUNCTUATION.

1. A period is placed after every declarative and imperative sentence.
2. All abbreviations are followed by a period.
3. A period is placed after numbers in the Roman notation.
4. A colon is placed between the chief divisions of a sentence, when they are but slightly connected, and they are themselves divided by some other mark.
5. A colon is used after a sentence which announces a distinct quotation.
6. A colon is placed between clauses, when the connection is so slight that any one of them might be a distinct sentence.
7. A succession of clauses depending on one principal expression, should be separated by a semicolon.
8. A semicolon is placed after an expression which introduces particulars.
9. When a clause especially explains the meaning of some other expression, it is separated from that expression by a semicolon.
10. A semicolon is used to divide a sentence into sections, when the various parts are not sufficiently independent to require a colon.
11. A comma is placed between the particulars mentioned in a succession of words all in the same construction.
12. A comma is placed between each pair of words, when each pair is in the same construction.
13. A comma is placed before and one after every parenthetical expression.

14. A comma is used before a quotation closely connected with the preceding words.

15. Expressions repeated must be separated by a comma.

16. A phrase or clause which explains, in any degree, the meaning of any other phrase or clause is separated from it by a comma.

17. All modifying expressions unless closely connected with the rest of the sentence, are separated by a comma.

18. A comma must be used in sentences which would otherwise be misunderstood.

19. A comma is placed where a word is understood, unless the connection is close.

20. An interrogation-point is placed after every sentence, phrase, clause, or word, which denotes a direct question.

21. An interrogation-point, enclosed in a parenthesis, is often used to denote doubt.

22. An exclamation point is placed after every exclamatory sentence, clause, phrase, or word.

23. Where special emphasis is required, several exclamation-points may be used.

24. An exclamation-point, enclosed in parenthesis, is used to denote peculiar surprise.

25. Most interjections take an exclamation point after them.

26. A sudden turn in a sentence is shown by a dash.

27. An omission of the middle numbers in a regular series is denoted by a dash.

28. The omission of a word, or part of a word, is denoted by a dash.

29. A dash is usually placed before the answer to a question, when they both belong to the same line.

30. A dash is often used instead of the parenthesis-marks.

31. A dash is commonly used before an expression repeated for special emphasis.

32. A dash follows the sentence which introduces a quotation, when the quotation commences a new paragraph.

33. A dash is often used to avoid too many paragraphs.

34. Every quoted passage is enclosed in quotation-marks.

35. Quotations consisting of more than one paragraph have the first quotation-mark at the beginning of each paragraph, but the second is used only at the end of the last paragraph.

36. When a quoted passage requires special attention, the first quotation-mark may be used at the commencement of each line.

37. When one quotation includes another, the latter has but half the first quotation-mark before it, and half the second mark after it.

38. The parenthesis encloses matter not actually connected with the sentence.

39. Brackets are chiefly used to inclose corrections.

40. The hyphen is used to separate the syllables of a word.

41. The apostrophe denotes a contraction.

42. The caret is used to show the omission of letters or words.

43. The asterisk, dagger, and similar marks are used to refer to notes at the foot or side of the page.

MARKS OF ACCENT.

Accent is stress of voice laid on a certain syllable. When a word is uttered, the syllable that receives the stress is said to be *accented*. These marks are used by writers to denote the proper pronunciation of words.

The Acute (´) is represented by a mark over a letter, or syllable, to show that it must be pronounced with the rising inflection ; as, Européan.

The Grave (`) must be pronounced with a falling inflection : as, "Will you walk, or ride?"

The Circumflex (^) represents the union of the acute and grave accents in the same syllable : as, Montréal.

The Macron (ā) placed above a letter represents a full long vowel sound : as, hōme.

A Breve (ä) is placed over a vowel to denote its short sound ; as, St. Hélēna.

The Diæresis (ä) is placed over the latter of two vowels to show that they are to be pronounced in separate syllables ; as, coöperate.

The Cedilla (ç) or cerilla, placed under the letter c, shows that it has the sound of s : it is used chiefly in words derived from the French language ; thus, garçon, in which the ç is to be pronounced like s.

The Tilde (ñ) placed over the letter n in Spanish words to give it the sound of ny ; as, senior, minon.

Other Marks.

The Index (§) invites special attention.

The stars (*, **, or N. B.), are used for a similar purpose.

The Brace ({) connects several words with one common term.

The Paragraph (¶) begins a new subject.

The Section (§) is used to sub-divide chapters.

Leaders (. . .) are used in indexes, leading the eye to the end of the line, for the completion of the sense.

Simple Rules for Spelling.

Words ending in *e* drop that letter before the termination *able*, as in move, movable ; unless ending in *ce* or *ge*, when it is retained, as in change, changeable, etc.

Words of one syllable ending in a consonant, with a single vowel before it, double that consonant in derivatives ; as, ship, shipping, etc. But if ending in a consonant with a double vowel before it, they do not double the consonant in derivatives ; as, troop, trooper, etc.

Words of more than one syllable, ending in a consonant preceded by a single vowel, and accented on the last syllable, double that con-

sonant in derivatives ; commit, committed ; but except *chagrin*, *chagrined*.

All words of one syllable ending in *l*, with a single vowel before it, have double *ll* at the close ; as, *mill*, *sell*.

All words of one syllable ending in *l*, with a double vowel before it, have only one *l* at the close ; as *mail*, *sail*.

The words *foretell*, *distill*, *instill*, and *fulfill*, retain the double *l* of their primitives. Derivatives of *dull*, *skill*, *will* and *full* also retain the *ll* when the accent falls on these words ; as, *dullness*, *skillful*, *willful*, *fullness*.

Words of more than one syllable ending in *l* have only one *l* at the close ; as, *delightful*, *faithful* ; unless the accent falls on the last syllable ; as in *befall*, etc.

Words ending in *l*, double that letter in the termination *ly*.

Participles ending in *ing*, from verbs ending in *e*, lose the final *e* ; as, *have*, *having* ; *make*, *making*, etc. ; but verbs ending in *ee* retain both ; as, *see*, *seeing*. The word *dye*, to colour, however, must retain the *e* before *ing*.

All adverbs ending in *ly*, and nouns ending in *ment*, retain the *e* final of the primitives ; as, *brave*, *bravely* ; *refine*, *refinement* ; except words ending with *dice* ; as, *acknowledge*, *acknowledgement*.

Nouns ending in *y* preceded by a vowel, form their plural by adding *s* ; as, *money*, *moneys* ; but if *y* is preceded by a consonant, it is changed to *ies* in the plural ; as, *bounty*, *bounties*.

Compound words that end in *y*, change the *y* into *i* ; as *beauty*, *beautiful*.

The Use of Capitals.

1. Every entire sentence should begin with a capital.
2. Proper names and adjectives derived from these, should begin with a capital.
3. All applications of the Deity should begin with a capital.
4. Official and honorary titles begin with a capital.
5. Every line of poetry should begin with a capital.
6. Titles of books, and the heads of their chapters and divisions, are printed in capitals.
7. The pronoun *I*, and the exclamation, *O*, are always capitals.
8. The days of the week, and the months of the year, begin with capitals.
9. Every quotation should begin with a capital letter.
10. Names of religious denominations begin with capitals.
11. In preparing accounts, each item should begin with a capital.
12. Any word of very special importance may begin with a capital.

Hints for Letter-Writing.

Letters should always be written in a neat and distinct chirography. The sentences should be constructed with such thoughtful care, that the meaning intended will be readily understood.

Gummed envelopes are now in almost universal use ; nevertheless, a neat little seal of red wax for a gentleman, and of gold or other fancy colour for a lady, are elegant and appropriate, and give an appearance of refinement to a note.

Letters of introduction or recommendation should never be sealed.

In letters of business or ceremony, do not write on both sides of the leaf.

Letters of compliment should be written in the third person.

Avoid all erasures and blots, even though you should have to re-write.

Never write letters of friendship on a half sheet, and always write with ink.

Monograms should always be in black or white—never in colours

In communicating bad news, take care not to do so abruptly.

In sending letters, don't enlarge much on your own misfortunes.

Make your letters cheerful and never ill-tempered.

All letters should be civil in tone, otherwise they injure the writer more than the receiver.

No gentleman will send an anonymous letter. Only cowards and knaves do this.

Your paper may be either ruled or plain, but the latter is the more elegant.

Letters in regard to one's own affairs should always contain a stamp for return postage. A still better plan is to enclose a stamped and addressed envelope.

Every letter should be dated carefully and distinctly, and should always bear the address of the writer, and the name signed in full. Should the writer be a married lady, she should invariably, except in the most familiar missives, prefix "Mrs." to her name.

Persons in mourning usually write letters on mourning stationery, but this should not be used in writing letters of congratulation.

Your letter-paper and envelopes should correspond in colour and quality. White should be preferred, and especially when addressing a lady. Ladies use no other.

Good black ink is always to be preferred. Coloured inks are in bad taste. Take care to affix the proper stamp. Don't depend on others to do this.

Never send money or other articles of value in an unregistered letter.

When dropping a letter or paper into a street letter box, see that it don't stick fast.

Never enclose any writing in printed matter.

When it is desired to have letters returned in case of non-delivery, the name and address of sender should be printed in upper left-hand corner, with request to that effect.

Legal Holidays in the United States.

January 1st, or New Year's Day, is a legal holiday in all the States except Arkansas, Delaware, Georgia, Kentucky, Maine, Massachusetts, New Hampshire, Rhode Island and North and South Carolina.

February 22nd, or Washington's Birthday, is a legal holiday in all the States but Alabama, Arkansas, Florida, Illinois, Indiana, Iowa, Kansas, Maine, Missouri, North Carolina, Ohio, Oregon, Tennessee and Texas.

May 30th, or Decoration Day, is a legal holiday only in Colorado, Connecticut, Maine, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont and Wisconsin.

January 8th, the Anniversary of the Battle of New Orleans; *February 12th*, the Anniversary of the birth of Abraham Lincoln; and *March 4th*, the Firemen's Anniversary, are legal holidays in Louisiana.

July 4th, Independence Day, is a legal holiday in all the States and Territories.

December 25th, Christmas Day, is a legal holiday in all the States and Territories.

Thanksgiving Day and Public Fast Days, appointed by the President of the United States, are legal holidays. Such days are legal holidays in such States as may set them apart for religious observance by proclamation of the Governor.

Days appointed for General Elections, State or National, are legal holidays in California, Maine, Missouri, New Jersey, New York, Oregon, South Carolina and Wisconsin.

Good Friday, is a legal holiday in Florida, Louisiana, Minnesota and Pennsylvania.

Shrove Tuesday, is a legal holiday in Louisiana and in the cities of Mobile, Montgomery, and Selma, Alabama.

Memorial Day (April 20th) is a legal holiday in Georgia.

March 2nd, the Anniversary of the Independence of Texas, and *April 21st*, the Anniversary of the Battle of San Jacinto, are legal holidays in Texas.

Legal Holidays in Canada.

BANK HOLIDAYS.

ONTARIO, NEW BRUNSWICK, AND NOVA SCOTIA.—New Year's Day; Good Friday; Queen's Birth Day; Dominion Day; Christmas Day.

QUEBEC.—New Year's Day; Epiphany; Annunciation; Good Friday; Ascension; Corpus Christi; St. Peter's and St. Paul's; All Saints; Conception; Christmas Day; Queen's Birth Day; and Dominion Day.

Also throughout the Dominion, any day appointed by Proclamation for a General Fast or Thanksgiving.

Fixed and Movable Festivals.

New Year's Day.	Ascension Day—Holy Thursday.
Epiphany.	Queen Victoria's Birth Day.
Septuagesima Sunday.	Pentecost—Whit Sunday.
Quinquagesima—Shrove Sunday.	Trinity Sunday.
Ash Wednesday.	Corpus Christi.
St. David.	Ascension of Queen Victoria.
1st Sunday in Lent.	Proclamation of Queen Victoria.
St. Patrick,	Midsummer Day—St. J. Baptist.
Annunciation—Lady Day.	Dominion Day.
Palm Sunday.	Michaelmas Day.
Good Friday.	Birth of Prince of Wales.
Easter Sunday—Lady Day.	St. Andrew.
Low Sunday.	1st Sunday in Advent.
St. George.	St. Thomas.
Rogation Sunday.	Christmas Day.

Capacity of Cisterns.

In calculating the capacity of cisterns, 31½ gallons are estimated to one barrel, and 63 gallons to one hogshead.

CIRCULAR CISTERN ONE FOOT IN DEPTH.

Five feet in diameter holds	4½ barrels
Six feet in diameter holds	6½ barrels
Seven feet in diameter holds	9 barrels
Eight feet in diameter holds	12 barrels
Nine feet in diameter holds	15 barrels
Ten feet in diameter holds	18½ barrels

SQUARE CISTERN ONE FOOT IN DEPTH.

Five feet by Five feet holds	6 barrels
Six feet by Six feet holds	8½ barrels
Seven feet by Seven feet holds	11½ barrels
Eight feet by Eight feet holds	15½ barrels
Nine feet by Nine feet holds	23½ barrels
Ten feet by Ten feet holds	19½ barrels

Size of Boxes for different Measures.

A box 24 inches long by 16 inches wide, and 28 inches deep, will contain a barrel (3 bushels).

A box 24 inches long by 16 inches wide, and 14 inches deep, will contain half a barrel.

A box 16 inches square and 8 2-5 inches deep, will contain one bushel.

A box 16 inches by 8 2-5 inches wide, and 8 inches deep, will contain half a bushel.

A box 8 inches by 8 2-5 inches square, and 8 inches deep, will contain one peck.

A box 8 inches by 8 inches square, and 4 1-5 inches deep, will contain one gallon.

A box 7 inches by 4 inches square, and 4 4-5 inches deep, will contain half a gallon.

A box 4 inches by 4 inches square, and 4 1-5 inches deep will contain one quart.

In purchasing anthracite coal, 20 bushels are generally allowed for a ton.

How to Measure Corn in a Crib, Hay in a Mow, etc.

This rule will apply to a crib of any size or kind. Two cubic feet of good sound dry corn in the ear will make a bushel of shelled corn. To get, then, the quantity of shelled corn in a crib of corn in the ear, measure the length, breadth and height of the crib, inside of the rail; multiply the length by the breadth and the product by the height; then divide the product by two, and you have the number of bushels of shelled corn in the crib.

To find the number of bushels of apples, potatoes, in a bin, multiply the length, breadth and thickness together, and this product by 8, and print off one figure in the product for decimals.

To find the amount of Hay in a Mow, allow 512 cubit feet for a ton, and it will come out very generally correct.

Number of Trees and Plants for an Acre of Ground.

Set at regular distances apart

Dist's apart.	No. of plants.	Dist's apart.	No. of plants.
3 inches by 3 inches	696,960	6 feet by 6 feet	1,210
6 inches by 4 inches	392,040	6½ feet by 6½ feet	1,031
6 inches by 6 inches	174,240	7 feet by 7 feet	881
9 inches by 9 inches	77,440	8 feet by 8 feet	680
1 foot by 1 foot	43,560	9 feet by 9 feet	537
1½ feet by 1½ feet	19,360	10 feet by 10 feet	435
2 feet by 1 foot	21,780	11 feet by 11 feet	360
2 feet by 2 feet	10,890	12 feet by 12 feet	302
2½ feet by 2½ feet	6,960	13 feet by 13 feet	257
3 feet by 1 foot	14,520	14 feet by 14 feet	222
3 feet by 2 feet	7,260	15 feet by 15 feet	193

Trees and Plants.—Continued.

Dist's apart.	No. of plants	Dist's apart.	No. of plants.
3 feet by 3 feet	4,840	16 feet by 16 feet.....	170
3½ feet by 3½ feet	3,555	16½ feet by 16½ feet.....	160
4 feet by 1 foot.....	10,890	17 feet by 17 feet.....	150
4 feet by 2 feet	5,445	18 feet by 18 feet.....	134
4 feet by 3 feet.....	3,630	19 feet by 19 feet.....	120
4 feet by 4 feet	2,722	20 feet by 20 feet.....	108
4½ feet by 4½ feet.....	2,151	25 feet by 25 feet.....	69
5 feet by 1 foot.....	8,712	30 feet by 30 feet.....	48
5 feet by 2 feet.....	4,356	33 feet by 33 feet.....	40
5 feet by 3 feet.....	2,904	40 feet by 40 feet.....	27
5 feet by 4 feet	2,178	50 feet by 50 feet.....	17
5 feet by 5 feet	1,742	60 feet by 60 feet.....	12
5½ feet by 5½ feet	1,417	66 feet by 66 feet.....	10

Quantity of Seed required to plant an Acre.

KIND OF SEED.	QUANTITY.
Asparagus in 12 inch drills.....	16 quarts
Asparagus plants, 4 by 1½ feet	8,000
Barley.....	2½ bushels
Beans, bu-h, in drills 2½ feet	1½ bushels
Beans, pole, Lima, 4 by 4 feet	20 quarts
Beans, Carolina, prolific, etc., 4 by 3 feet	10 quarts
Beets and mangold, drills, 2½ feet.....	9 pounds
Broom corn in drills	12 pounds
Cabbage, outside, for transplanting	12 ounces
Cabbage, sown in frames.....	4 ounces
Carrot, in drills, 2½ feet	4 pounds
Celery, seed.....	8 ounces
Celery, plant 4 by ½ feet.....	25,000
Clover, white Dutch.....	13 pounds
Clover, Lucerne.....	10 pounds
Clover, Alsike.....	6 pounds
Clover, large red with timothy	12 pounds
Clover, large red without timothy	16 pounds
Corn, sugar.....	10 quarts
Corn, field.....	8 quarts
Corn, salad, drill 10 inches.....	25 pounds
Cucumber, in hills.....	3 quarts
Flax, broadcast.....	20 quarts
Grass, timothy with clover.....	6 quarts
Grass, timothy without clover.....	10 quarts
Grass, orchard.....	25 quarts
Grass, red top or heads.....	20 quarts
Grass, blue.....	28 quarts
Grass, rye.....	20 quarts
Lettuce, in rows 2½ feet	3 pounds

Quantity of Seed, etc.—Continued.

KIND OF SEED.	QUANTITY.
Lawn grass.....	35 pounds
Melons, water, in hills 8 by 8 feet.....	3 pounds
Melons, citrons, in hills 4 by 4 feet.....	2 pounds
Oats.....	2 bushels
Onions, in beds for sets.....	50 pounds
Onions, in rows for large bulbs.....	7 pounds
Parsnip, in drills 2½ feet.....	5 pounds
Pepper, plants, 2½ by 1 foot.....	17,500
Pumpkin, in hills 8 by 8 feet.....	2 quarts
Parsley, in drills 2 feet.....	4 pounds
Peas, in drills, short varieties.....	2 bushels
Peas, in drills, tall varieties.....	1 to 1½ bushels
Peas, broadcast.....	3 bushels
Potatoes.....	8 bushels
Radish, in drills 2 feet.....	10 pounds
Rye, broadcast.....	1½ bushels
Rye, drilled.....	1½ bushels
Squash, bush, in hills 4 by 4.....	3 pounds
Turnips, in drills 2 feet.....	3 pounds
Turnips, broadcast.....	3 pounds
Tomatoes, in frames.....	3 ounces
Tomatoes, seed in hills 3 by 3 feet.....	8 ounces
Tomatoes, plants.....	3,800
Wheat, in drills.....	1½ bushels
Wheat, broadcast.....	2 bushels

Number of Years Seeds retain their Vitality.

Vegetables.	Years.	Vegetables.	Years.
Cucumber.....	8 to 10	Asparagus.....	2 to 3
Melon.....	8 to 10	Beans.....	2 to 3
Pumpkin.....	8 to 10	Carrots.....	2 to 3
Squash.....	8 to 10	Celery.....	2 to 3
Brocoli.....	5 to 6	Corn (on cob).....	2 to 3
Cauliflower.....	5 to 6	Leek.....	2 to 3
Artichoke.....	5 to 6	Onion.....	2 to 3
Endive.....	5 to 6	Parsley.....	2 to 3
Pea.....	5 to 6	Parsnip.....	2 to 3
Radish.....	4 to 2	Pepper.....	2 to 4
Beets.....	3 to 4	Tomato.....	2 to 3
Cress.....	3 to 4	Egg Plant.....	1 to 2
Lettuce.....	3 to 4		
Mustard.....	3 to 4		
Okra.....	3 to 4		
Rhubarb.....	3 to 4		
Spinach.....	3 to 4		
Turnip.....	3 to 6		

HERBS.

Anise.....	3 to 4
Caraway.....	2....
Summer Savory.....	1 to 2
Sage.....	2 to 3

The Queen and the Royal Family of Great Britain.

THE QUEEN,—**VICTORIA**, of the United Kingdom of Great Britain and Ireland, Queen, Empress of India, Defender of the Faith. Her Majesty was born at Kensington Palace, May 24, 1819; succeeded to the throne June 20, 1837, on the death of her uncle, King William IV., was crowned June 28, 1838; and married Feb. 10, 1840, to His Royal Highness Prince Albert. Her Majesty is the only child of his late Royal Highness Edward, Duke of Kent, son of King George III. The children of Her Majesty are:—

Her Royal Highness Victoria Adelaide Mary Louisa, **PRINCESS ROYAL OF ENGLAND AND PRUSSIA**, born Nov. 21, 1840, and married to His Royal Highness William, the Crown Prince of Germany, Jan. 25, 1858, and has had issue four sons and four daughters.

His Royal Highness Albert Edward, **PRINCE OF WALES**, born Nov. 9, 1841; married March 10, 1863, Alexandra of Denmark (Princess of Wales), born Dec. 1, 1844, and has issue, Prince Albert Victor, born Jan. 8, 1864, George Frederick Ernest Albert, born June 3, 1865; Louisa Alexandra Dagmar, born Feb. 20, 1867; Victoria Alexandra Olga Mary, born July 6, 1868; and Maude Charlotte Mary Victoria, born Nov. 26, 1869.

Her Royal Highness Alice Maud Mary, born April 25, 1843; married to H. R. H. Prince Frederick Louise of Hesse, July 1, 1862, and has issue five daughters and one son; second son killed by accident May, 1873. Died December 14th, 1878.

His Royal Highness Alfred Ernest Albert, Duke of Edinburgh, born Aug. 6, 1844; married Her Imperial Highness the Grand Duchess Marie of Russia, Jan. 23, 1874.

Her Royal Highness Helena Augusta Victoria, born May 25, 1846; married to H. R. H. Prince Frederick Christian Charles Augustus of Schleswig-Holstein-Sonderburg-Augustenburg, July 5, 1866.

Her Royal Highness Louise Carolina Alberta, born March 18, 1848; married to the Marquis of Lorne, eldest son of the Duke of Argyll, March 1874.

His Royal Highness Arthur William Patrick Albert, born May 1, 1850.

His Royal Highness Leopold George Duncan Albert, born April 7, 1853; married April 27, 1882, to Princess Helen of Waldeck. Died 28th March, 1884.

Her Royal Highness Beatrice Mary Victoria Feodore, born April 14, 1857.

Tables of Weights and Measures.

TROY WEIGHT.

24 grains make one pennyweight, 20 pennyweights make 1 ounce. By this weight gold, silver and jewels only are weighed. The ounce and pound in this are the same as in Apothecaries weight.

APOTHECARIES WEIGHT.

20 grains make 1 scruple, 3 scruples make 1 drachm, 8 drachms make 1 ounce, 12 ounces make one pound.

AVORDUPOIS WEIGHT.

16 drams make 1 ounce, 16 ounces make 1 pound, 25 pounds make 1 quarter, 4 quarters make 100 weight, 2000 pounds make 1 ton.

DRY MEASURE.

2 pints make 1 quart, 8 quarts make 1 peck, 4 pecks make 1 bushel, 36 bushels make 1 chaldron.

LIQUID OR WINE MEASURE.

4 gills make 1 pint, 2 pints make 1 quart, 4 quarts make 1 gallon, $31\frac{1}{2}$ gallons make 1 barrel, 2 barrels make 1 hogshead.

TIME MEASURE.

60 seconds make 1 minute, 60 minutes make one hour, 24 hours make 1 day, 7 days make one week, 4 weeks make one lunar month, 28, 29, 30, or 31 days make 1 calendar month, (30 days make 1 month in computing interest), 52 weeks and 1 day, or 12 calendar months make 1 year, 365 days, 5 hours, 48 minutes, and 49 seconds, make 1 solar year.

CIRCULAR MEASURE.

60 seconds make 1 minute, 60 minutes make 1 degree, 30 degrees make 1 sign, 90 degrees make 1 quadrant, 4 quadrants or 360 degrees make 1 circle.

LONG MEASURE—DISTANCE.

3 barleycorns 1 inch, 12 inches 1 foot, 3 feet 1 yard, $5\frac{1}{2}$ yards 1 rod, 40 rods 1 furlong, 8 furlongs one mile.

CLOTH MEASURE.

$2\frac{1}{2}$ inches 1 nail, 4 nails 1 quarter, 4 quarters 1 yard.

MISCELLANEOUS.

3 inches 1 palm, 4 inches 1 hand, 6 inches 1 span, 18 inches 1 cubit, 21.8 inches 1 Bible cubit, $2\frac{1}{2}$ feet 1 military pace.

SQUARE MEASURE.

144 square inches 1 square foot, 9 square feet 1 square yard, $30\frac{1}{2}$ yards 1 square rod, 40 sq rods 1 rood, 4 roods 1 acre.

SURVEYORS' MEASURE.

7.92 inches 1 link, 25 links 1 rod, 4 rods 1 chain, 10 square chains or 160 square rods 1 acre, 640 acres 1 square mile.

CUBIC MEASURE.

1728 cubic inches 1 cubic foot, 27 cubic feet 1 cubic yard, 128 cubic feet 1 cord (wood), 40 cubic feet 1 ton (shipping), 2150.42 cubic inches 1 standard bushel, 268.8 cubic inches 1 standard gallon, 1 cubic foot four-fifths of a bushel.

Abbreviations in Common use, and their Significations.

A. B., Bachelor of Arts (sometimes written B.A.)	C.O.D., Cash (or collect) on Delivery.
Abbr., Abbreviated.	Col., Colonel; Colossians; Colorado.
A.B.C.F.M., American Board of Com. for Foreign Missions.	Coll., Collector; Colloquial; College.
A.C., Before Christ.	Com., Commerce; Committee; Commentary; Community.
Acct., Account.	Cong., Congress; Congregation.
Ad., Advertisement.	Cr., Credit; Creditor.
Ad lib., At pleasure; <i>Ad libitum</i> .	Crim. con., Criminal conversation.
Adv., Advocate; Adverb.	C.W., Canada West.
Agr., Agriculture.	Cwt., Hundred Weight.
Agt., Agent.	D., Five Hundred.
Ala., Alabama.	Dan., Daniel; Danish.
Ald., Alderman.	D.C., District of Columbia; Deputy Consul.
A.M., Master of Arts; Before noon; In the year of the world.	D.D., Doctor of Divinity.
Amb., Ambassador.	D.D.S., Doctor of Dental Surgery.
Amt., Amount.	Dea., Deacon.
Anon., Anonymous.	Dec., December; Declaration.
Apoc., Apocalypse.	Del., Delaware; Delegate.
Apr., April.	Dep., Deputy.
Arith., Arithmetic.	Deut., Deuteronomy.
Art., Article.	Dict., Dictator; Dictionary.
Asst. Surg., Assistant Surgeon.	Do., The same; Ditto.
Astrol., Astrology.	Doz., Dozen.
Atty.-Gen., Attorney-General.	Dr., Doctor; Debtor.
Bal., Balance.	D.V., God willing; <i>Deo Volente</i> .
B.S., Bachelor of Science.	Dwt., Pennyweight.
Bbl., Barrel.	Eccl., Ecclesiastes.
Bost., Boston.	Ed., Editor; Edition.
Brit., British; Briton.	E.E., Errors excepted.
B.C., British Columbia.	Encycl., Encyclopædia.
C., One Hundred.	Eng., England; English.
Cal., California; Calendar.	Etc., or &c., And so forth.
Cash., Cashier.	Feb., February.
Cath., Catholic; Catharine.	Fec., He did it; <i>Fecit</i> .
C.E., Civil Engineer.	Fem., Feminine.
Ch., Church; Chapter; Charles.	Fr., France; Francis; Father;
Chap., Chapter; Chaplain.	Friar; Franc.
Chem., Chemistry.	
Chron., Chronicles.	
Clk., Clerk.	
Co., Company; County.	

F. R. S., Fellow of the Royal Society.	Messrs., Gentlemen ; <i>Messieurs</i> .
Ga., Georgia.	Met., Metaphysics.
G. B., Great Britain.	Metr., Metropolitan.
Gen., Genesis ; General.	Mich., Michigan.
Ger., Germany ; German.	Miss., Mississippi.
Gov., Governor.	MM., Two thousand.
H. B. M., His or Her Britannic Majesty.	Mme., Madame.
Hon., Honourable.	Mon., Monday ; Monastery.
Hun., Hundred.	M P., Member of Parliament ;
I., One ; First.	Methodist Protestant.
I. H. S., Jesus the Saviour of men.	Mr., Mister.
Ill., Illinois.	Mrs., Mistress.
Incog., Unknown ; <i>Incognito</i> .	M. S., Master of Science.
Incor., Incorporated.	Ms., Mss., Manuscript.
Ind., Indiana ; Indian ; Index.	Nat., National ; Natural.
Inf., Beneath ; <i>Infra</i> .	Nav., Navigator ; Navy.
In loc., In the place ; <i>In loco</i> .	N. B., New Brunswick ; North
Inst., Instant ; of this Month ; Institutes.	British ; Note well.
In trans., In the passage ; <i>In transitu</i> .	N C., North Carolina.
Introd., Introduction.	N. E., New England.
I. O. U., I owe you.	No., Number.
Ire., Ireland.	N. S., Nova Scotia.
Jan., January.	Nom., Nominative.
Jer., Jeremiah.	Non seq., It does not follow.
Ky., Kentucky.	Nos., Numbers.
L., Fifty.	N. T., New Testament.
Lam., Lamentations.	N. W. T., North-West Territory.
Lat., Latitude ; Latin.	Num., Numbers ; Numeral.
Lb., Pound.	Obj., Objective ; Object.
Lib., Book ; Liber ; Library.	Obs., Obsolete ; Observatory.
Lieut., Lieutenant.	Oct., October.
Lit., Literature ; Literally.	O. S., Old Style (Before 1752).
LL. D., Doctor of Laws.	Ont., Ontario.
Lond., London.	Oz., Ounce.
Man., Manitoba.	Pa., Pennsylvania.
M., A thousand.	Phar., Pharmacy.
M. A., Master of Arts (sometimes written A. M.).	Phila., Philadelphia.
Mar., March ; Marshal.	Phys., Physician ; Physiology.
Mass., Massachusetts.	Pl. or plur., Plural.
M. C., Member of Congress.	P. M., Afternoon ; <i>Post Meridiem</i> ;
M. D., Doctor of Medicine.	Postmaster.
Md., Maryland.	P. O., Post Office.
Me., Maine.	Pop., Population.
Mem., Memorandum ; <i>Memento</i> .	Presb., Presbyterian ; Presbytery.
	Prot., Protestant.
	Pro tem., For the time ; <i>Pro tempore</i> .
	Prov., Proverbs ; Provincial ;
	Provost.

P.S., Postscript, Privy Seal.
 Ps., Psalm.
 Pt., Part; Pint; Payment; Port.
 Pub., Publisher; Public.
 Q., Quebec.
 Qr., Quarter.
 Qt., Quart.
 R., Take; *Recipe*.
 Rep., Representative; Reporter;
 Republic.
 Rev., Reverend; Revelation; Re-
 venue.
 R.S.V.P., Please answer; *Res-
 pondez s'il vous plait*.
 Sat., Saturday.
 Scan. Mag., Great Scandal.
 Sec., Secretary; Second; Section.
 Sen., Senate; Senator; Senior.
 Sept., September; Septuagint.
 Seq., Following; *Sequentia*.
 St., Saint; Street; Strait.
 Sup., Supplement; Superior.
 Ter., Territory.
 Thos., Thomas.

'Topog., Topographical.
 Trans., Translator; Transactions
 Treas., Treasurer.
 Univ., University.
 U.S., United States.
 U.S.A., United States Army.
 U.S.N., United States Navy.
 U.S.M., United States Mail, or
 Mint, or Marine.
 V., Five.
 Viz., To wit; Namely; *Videlicet*.
 Vol., Volume.
 Vul., Vulgate (Latin Version of
 the Bible).
 X., Ten.
 Y.M.C.A., Young Men's Chris-
 tian Association.
 Y.M.C.A., Young Men's Catho-
 lic Association.
 Yrs., Years; Yours.
 Zech., Zechariah.
 &, And.
 &c., And so forth; *Et cetera*.

Brokers' Technicalities.

A **BULL** is one who operates to depress the value of stocks, that he may buy for a rise.

A **BEAR** is one who sells stocks for future delivery, which he does not own at the time of sale.

A **CORNER** is when the Bears cannot buy or borrow the stock to deliver in fulfilment of their contracts.

OVERLOADED is when the Bulls cannot take and pay for the stock they have purchased.

SHORT is when a person or party sells stocks when they have none, and expect to buy or borrow in time to deliver.

LONG is when a person or party has a plentiful supply of stocks.

A **POOL** or **RING** is a combination formed to control the price of stocks.

A broker is said to **CARRY** stocks for his customer when he has bought and is holding it for his account.

A **WASH** is a pretended sale by special agreement between buyer and seller, for the purpose of getting a quotation reported.

A **PUT** AND **CALL** is when a person gives so much per cent. for the option of buying or selling so much stock on a certain fixed day, at a price fixed the day the option is given.

Number of Votes polled at the General Election for the House of Commons of Canada.

20TH JUNE, 1882.

	Con.	Lib.		Con.	Lib.
Addington	1659	1157	Durham, East	1638	1257
Albert	784	723	" West	1379	1497
Algoma	1707	1112	Elgin, East	2097	2221
Annapolis	1363	1430	" West	1305	2110
Antigonish	735	1068	Essex, North	1714	1022
Arventeuil	acl.		" South	1475	1415
Bagot	acl.		Frontenac	acl.	
Beauce	2153	889	Gaspé	acl.	
Beauharnois	acl.		Glengarry	1499	1276
Bellechasse	1186	1044	Gloucester	1769	540
Berthier	1138	1120	Grenville, South	1187	1039
Bonaventure	acl.		Grey, East	1934	1520
Bothwell	1520	1504	" North	1385	1457
Brant, North	652	1403	" South	3454	
" South	1297	1473	Guysborough	628	818
Brockville	1277	1272	Haldimand	1364	1490
Brome	1290	1399	Halifax	5596	5283
Bruce, North	1250	1162	Halton	1739	1822
" East	1497	1558	Hamilton	5278	4340
" West	941	1833	Hants	1386	1341
Cape Breton	4592	1013	Hastings, East	1386	1333
Cardwell	1407	1066	" North	1408	1057
Cariboo	acl.		" West	1317	1081
Carleton, N. B.	1653	1812	Hochelaga	acl.	
Carleton, Ont.	1814	617	Huntingdon	591	1206
Chambly	822	283	Huron, East	1631	1571
Champlain	1773	614	" South	1024	1621
Charlevoix	954	601	" West	1707	1736
Charlotte	1244	1558	Iberville	acl.	
Chateauquay	799	860	Inverness	1912	1062
Chicoutimi & Sague-			Jacques Cartier	994	731
nay	2430		Joliette	2207	
Colchester	1887	1452	Kamouraska	1107	1089
Compton	1612	823	Kent, Ont	2223	2066
Cornwall & Stormont	1819	1370	Kent, N. B.	1412	773
Cumberland	acl.		Kings, N. B.	3001	
Digby	871	1123	Kings, N. S.	1707	1357
Dorchester	acl.		Kings, P. E. I.	3795	4126
Drummond & Artha-			Kingston	797	889
basht	2421	1811	Lambton East	1569	1734
Dundas	1719	1630	" West	1311	1652

Number of Votes Polled.—Continued

	Con.	Lib.		Con.	Lib.
Lanark North.....	1382	1313	Oxford, North.....	1044	2468
" South.....	acl.		" South.....		2885
Laprairie.....	675	572	Peel.....	1387	1430
L'Assomption.....	1019	852	Perth, North.....	1934	1682
Laval.....	acl.		" South.....	1717	1896
Leeds & Grenville....	1048	762	Peterborough, East..	1417	1224
Leeds, South.....	1393	1716	" West..	1035	875
Lennox.....	1492	1292	Pictou.....	5390	4717
Levis.....	1935	1528	Pontiac.....	1340	931
Lincoln & Niagara... 1826	1731		Portneuf.....	1459	1491
Isle Gar.....	720	760	Prescott.....	2343	
L'Islet.....	724	545	Prince.....	4459	4566
London.....	1485	1238	Prince Edward.....	1925	1944
Lotbiniere.....	812	1025	Provencher.....	acl.	
Lunenburg.....	1032	1169	Quebec, C.....	966	855
Marquette.....	886	1074	" E.....	1283	1750
Maskinongé.....	2169		" W.....	612	444
Megantic.....	1204	1085	" County.....	1438	869
Middlesex, East.....	1949	1454	Queen's, N.B.....	886	1084
" North.....	1741	1632	" N. S.....	560	692
" South.....	812	1678	" P. E. I....	6242	5932
" West.....	597	1651	Renfrew, N.....	1111	968
Missisquoi.....	1426	1273	" S.....	759	913
Monck.....	1445	1420	Restigouche.....	633	223
Montcalm.....	1640		Richelieu.....	1205	927
Montmagny.....	815	695	Richmond, N.S.....	525	461
Montmorency.....	810	717	" & Wolf, P.Q.	acl.	
Montreal, Centre....	2654	1367	Rimouski.....	1648	1540
" East.....	acl.		Rouville.....	1199	1045
" West.....	2707	1960	Russell.....	1644	1335
Muskoka and Parry			St. Hyacinthe.....	1202	1336
Sound.....	1296	1293	St. John's, P. Q....	747	892
Napierville.....		1383	St. John, City and		
New Westminster....	acl.		County.....	3789	4684
Nicolet.....	acl.		St. John, City.....	1288	1151
Norfolk, North.....	1562	1940	St. Maurice.....	842	446
" South.....	1534	1560	Selkirk.....	1064	1485
Northumberland, N.B.	acl.		Shefford.....		3027
" East.....			Shelburne.....	775	912
Ontario.....	2073	1800	Sherbrooke.....	acl.	
Northumberland, W.			Simcoe, E.....	1330	1468
Ontario.....	1298	1293	" N.....	1761	1511
Ontario, North.....	1552	1611	" S.....	2876	
" South.....	1618	1668	Soulanges.....	761	675
" West.....	1035	1793	Stanstead.....	1308	1013
Ottawa City.....	3249	2442	Sunbury.....	537	618
Ottawa County.....	acl.		Temiscouata.....	acl.	

Number of Votes Polled.—Continued

	Con.	Lib.		Con.	Lib.
Terrebonne.....	1593	836	Welland.....	1965	1833
Three Rivers.....	acl.		Wellington, C.....	2208	2056
Toronto, C.....	1620	1422	“ N.....	1891	1911
“ E.....	1992	1496	“ S.....	1672	1790
“ W.....	2714	2283	Wentworth, N.....	1292	1295
Two Mountains.....	acl.		“ S.....	1205	1253
Vancouver.....	755		Westmoreland.....	2620	2188
Vaudreuil.....	522	918	Winnipeg.....	491	458
Verchères.....	866	885	Yale.....	453	
Victoria, B. C.....	1618		Yamaska.....	1049	978
“ N. B.....	acl.		Yarmouth.....		2107
“ N. S.....	857	544	York, N.B.....	1442	2359
“ N. Ont.....	1063	773	“ E. Ont.....	1749	1857
“ S. “.....	1577	1517	“ N. “.....	1721	1830
Waterloo, N.....	1499	1402	“ W. “.....	1561	1324
“ S.....	1372	1580			

Summary of Votes by Provinces.

CASE IN LAST GENERAL ELECTION FOR THE HOUSE OF COMMONS AND
FOR THE LEGISLATIVE ASSEMBLIES.

	1882. General Election for Commons.		1882-3. General Election for Leg. Assemblies.		
	Con.	Lib.	Con.	Lib.	Ind.
Ontario.....	140,182	132,071	126,810	120,426	7,926*
Quebec.....	60,107	46,330			
Nova Scotia.....	29,831	26,549	46,073	47,129	3,203
New Brunswick.....	21,058	17,713	45,469	33,915	6,711
Prince Edward Island...	14,496	14,615	15,628	15,791	
Manitoba.....	3,161	3,777	5,270	4,068	469
British Columbia.....	2,826	.....	5,721	1,563	

* Includes 3,979 votes cast for Workingmen's Candidate.

Religions of the People of Canada,

AS PER THE OFFICIAL CENSUS OF 1881.

Roman Catholic ..	1,791,982
Presbyterian Church of Canada.....	629,280
Methodist Church of Canada.....	582,963
Church of Canada.....	574,818
Baptist.....	225,236
Episcopal Methodist.....	103,272
Not Given.....	86,769

Religions of the People.—Continued.

Free-Will Baptist	50,055
Lutheran	46,350
Presbyterian Church of Scotland	32,834
Bible Christian Methodist	27,236
Congregational	26,900
Primitive Methodist	25,690
Mennonite	21,234
Disciples	20,193
Other Denominations	14,269
Reformed Presbyterians	12,945
Brethren	8,831
Adventists	7,211
Quaker	6,553
Universalist	4,517
Pagan	4,478
Methodist (others)	3,830
No Religion	2,634
Reformed Episcopal	2,596
Jews	2,393
Unitarian	2,126
Presbyterian (others)	1,106

Population of Cities and Towns in Canada,

HAVING OVER 5,000 INHABITANTS, FROM 1851 TO 1881, INCLUSIVE.

	1851.	1861.	1871.	1881.
Montreal, Q.	57,715	90,323	107,225	140,747
Toronto, O.	30,775	44,821	56,092	86,415
Quebec, Q.	42,052	55,990	59,699	62,446
Halifax, N.S.	20,749	25,026	29,582	36,100
Hamilton, O.	14,112	19,096	26,716	35,961
Ottawa, O.	7,760	14,699	21,545	27,412
St. John, N.B.	22,745	27,317	28,805	26,127
London, O.	7,035	11,555	15,826	19,746
Portland, N.B. ....	.....	.....	12,520	15,226
Kingston, O.	11,697	13,743	12,407	14,091
Charlottetown, P.E.I. ....	.....	.....	8,807	11,485
Guelph, O.	1,880	5,076	6,878	9,890
St. Catharines, O.	4,387	6,284	7,864	9,631
Brantford, O.	3,877	6,251	8,107	9,616
Belleville, O.	4,569	6,277	7,305	9,516
Three Rivers, Q.	4,936	6,058	7,570	9,296
St. Thomas, O. ....	.....	.....	2,197	8,367
Stratford, O. ....	.....	.....	4,313	8,239
Winnipeg, M. ....	.....	.....	241	7,985
Chatham, O.	2,070	4,466	5,873	7,873
Brookville, O.	3,246	4,112	5,102	7,609
Lévis, Q. ....	.....	5,333	6,691	7,597

Populations of Cities, etc.—Continued

	1851.	1861.	1871.	1881.
Sherbrooke, Q.....	4,432	7,227
Hull, Q.....	6,890
Peterborough, O.....	4,611	6,812
Windsor, O.....	4,253	6,561
St. Henri, Q.....	6,415
Fredericton, N.B.	4,458	5,652	6,006	6,218
Victoria, B.C.	3,270	5,925
St. Jean Baptiste, Q.....	4,408	5,874
Sorel, Q.....	3,424	4,778	5,636	5,791
Port Hope, O.....	2,476	4,162	5,114	5,585
Woodstock, O.....	3,982	5,373
St. Hyacinthe, Q.	3,746	5,321
Galt, O.	3,827	5,187
Lindsay, O.	4,049	5,080
Moncton, N.B.....	5,032

How the People in Great Britain Spend their Money.

1st. The money spent upon intoxicating liquors by the British annually, is nearly twice as great as the total amount paid for BREAD.

2nd. They pay nearly four times as much for intoxicating liquors as they pay for BUTTER and CHEESE.

3rd. They spend four and a half times as much upon drink as they spend upon MILK.

4th. They spend more than five times as much upon drink as they do upon SUGAR, and nearly seven times as much as all their expenditure upon TEA, COFFEE and COCOA.

5th. They spend more upon drink than the RENT ROLL of all the FARMS and all the HOUSES in the United Kingdom.

6th. They spend about twice as much upon drink as their total expenditure upon WOOLLEN, COTTON and LINEN.

7th. Besides the enormous expenditure upon drink, they have to pay poor and police rates, costs of INSANITY, CRIME, VAGRANCY, ACCIDENTS, DISEASE, loss of labour, premature death, &c., giving at the very least another £100,000,000, and making a total loss to the nation of more than £200,000,000 yearly.

General Law Maxims.

1. Common Law is common sense which is the best guide in all ordinary cases.

2. Never sign a promissory note until after you have received the value for it.

3. Never go to law for the sake of satisfaction! You'll never get it if you do.

4. Imaginary wrongs are better unredressed.
5. A Lawyer's highest aim should be to keep his clients out of litigation.
6. Consult your Lawyer at the beginning of a trouble, not after you have made bad worse.
7. No man, however skilful, should attempt to draw his own will.
8. Every person having property should always have a will duly executed and deposited in a place of safety. It will not make him die one day the sooner.
9. He who is his own lawyer has a fool for his client.

Promissory Notes.

A promissory note is an absolute promise in writing to pay a specified sum at a time therein stated, or on demand, to a person named or designated, or to his order, or to the bearer.

A note payable to a person without adding bearer or order, is not transferable.

A note payable to bearer may be transferred by delivery without endorsement, but if the party transferring endorses, he makes himself liable on the note.

A note payable to order cannot be transferred without the endorsement of the person to whose order it is made payable.

A person wishing to endorse a note without making himself liable on it should write underneath his signature, the words "without recourse."

Presentment of an ordinary note at the place where it is made payable is not necessary to hold the maker, but both presentment and notice of dishonour are necessary to hold an endorser.

Presentment should be made on the last of the three days of grace, or if that is a legal holiday, then on the day following. Notice of dishonour may be posted on the day of presentment or the day following.

The legal holidays in the Province of Ontario are Sundays, New Year's Day, Good Friday, Christmas Day, the Birthday of the Sovereign, and special days appointed by proclamation for public holidays, Fasting or Thanksgiving.

An infant under the age of twenty-one years cannot make himself liable by making or endorsing a promissory note.

A note made payable with interest bears interest at the rate specified in the note from its date until payment.

A note not made payable with interest bears interest from maturity at 6 per cent.

A Bill of Exchange is an unconditional written order from one person to another directing the payment of a certain sum of money therein named.

A Bill of Exchange that has been accepted is called an acceptance, and resembles a promissory note. The acceptor occupying the same position as the maker of a note.

The signature of the acceptor must be written on the Bill of Exchange itself.

A cheque is an order on a Bank for the payment of a certain sum.

Leases.

Leases for periods of more than three years should be in writing, under seal and signed by the parties.

The transfer of all leases should be in writing.

A tenancy from year to year can be terminated only by a six months' notice ending with the current year.

A monthly tenancy can be ended by a month's notice.

In the absence of an agreement to the contrary, taxes fall upon the landlord, and if the tenant is compelled to pay them he may deduct the amount from the next payment of rent.

If a tenant makes an absolute covenant to repair, he would be bound to repair even if premises were burned down, and would have to pay rent for time that premises were untenable by reason of the fire as well.

Such a covenant should except "reasonable wear and tear, and accidents by fire and tempest," and there should be an express provision that the rent should be charged for time that premises are untenable by reason of injury from fire or tempest.

Distress for rent can only be made by daylight, not sooner than the day after the rent matures, and only for the amount actually due (which the warrant to the bailiff should specify) together with the charges of the distress. Goods cannot be sold until after the expiration of five days after seizure.

Distress can only be made on the premises in respect of which the rent is due, except in case of goods being fraudulently removed to avoid distress, in which case they may be followed within thirty days.

An inventory of the goods seized should be made out and a copy left with the tenant, or if absent, for him at the house with some grown person, or if there is no house on the premises, or if no person is there with whom it can be left, it must be stuck up in some prominent place on the premises.

Before sale goods must be appraised by two sworn appraisers, and duly advertised.

A clause in a lease providing that in the event of the insolvency of the tenant a certain amount of future rent shall become due is void as against the tenant's creditors, in case of insolvency.

In case of the insolvency of the tenant, the landlord is entitled to six months' arrears of rent as a privileged claim and to rank as an ordinary creditor for any further arrears that may be unpaid.

It is believed that a landlord has no right to distrain after an Assignee in insolvency has taken possession—though the decisions of the Courts on this point are conflicting.

Wills.

All wills must be in writing, signed by the testator in the presence of two witnesses, who must also sign the will in the presence of the testator.

A person to whom a demise or bequest is made may be a witness to the will, but by so doing forfeits all benefit under it.

A person under the age of twenty-one cannot make a valid will.

A married woman having separate estate may make a will, disposing of it in whatever manner she chooses.

A lunatic is incompetent to make a will.

There is no difference between the formalities necessary in a will passing real property and personal property.

Wills are of no effect until after the death of the testator.

Executors have no right to use funds of their testator's estate for their own purposes even temporarily, and they should keep a strict account of all their dealings.

A will is revoked by the making of a subsequent one, by marriage, or by the Testator tearing up or destroying the Will with the intention to revoke.

A Codicil is a Testamentary disposition, not revoking a former Will, but altering or varying some of its provisions.

A Codicil requires to be executed with the same formalities as a Will.

Partnerships.

A Partnership is a combination by two or more persons of their property, labour or skill, for the transaction of business for their common profit.

A *dormant* partner is one who takes no part in the control or conduct of the business, and a *secret* partner, one who is not avowed or known as such, though participating in the profits.

All persons competent to transact business on their own account, may enter into Partnership to carry on such business, but no others.

To constitute a Partnership it is not necessary that there should be a written agreement, a verbal one is quite as binding. To prevent misunderstandings, however, it is always advisable to have the agreement in writing.

Persons who are not partners as between themselves, may by their acts make themselves liable as such to third parties; thus a person leading another to deal with a firm on the representation, express or implied, that he is a member of that firm makes himself liable as such whether he is or not.

Participation in the profits is the principal test of Membership in a mercantile firm.

One partner has power to bind the firm by any act which comes within the scope of the Partnership business even though he be by the Partnership agreement prohibited from doing such act, unless the person with whom he deals has notice of such prohibition.

Unless some specific time for the continuation of the Partnership is agreed upon, it may be dissolved at the pleasure of either partner.

Where a certain time has been agreed upon the partnership may be dissolved by effluxion of time, death, bankruptcy or insanity of one of the partners, or by the decree of a Court of Equity.

A retiring partner cannot relieve himself from past debts of the firm without the consent of the creditors.

A retiring partner wishing to escape liability for future debts of the firm, should give notice of the dissolution to all persons having dealings with the firm, and a general notice to the public.

Guarantees.

A person promising to pay the debt of another cannot be made liable on such promise unless it is in writing.

But a person verbally ordering goods to be furnished to another is liable if the credit is given to himself.

A guarantee to pay for one hundred dollars worth of goods supplied to another applies only to the first hundred dollars' worth supplied, unless it is expressed to be a continuing guaranty.

A contract of guaranty is construed strictly, and unless its terms are strictly complied with the guarantor is not liable.

If the liability of the debtor is materially varied as to time of payment or otherwise, by the Act of the party guaranteed without the consent of the surety, the obligation of the latter is discharged.

Counterfeits of the Bills of Canadian Banks.

BANK OF COMMERCE.

\$5 Bill- counterfeit just issued. The vignette of Her Majesty is very poor, and the ring on her right hand, in the genuine note, has been omitted. In the words "Canada Bank-Note Printing Tint," under the vignette, the word "note" has been mis-spelled *noto*. The signature on the left hand, which should be a pen and ink signature, is evidently printed, but in an ink of a different shade from the body of the note.

ONTARIO BANK.

\$10 issue, bearing date November 1st, 1870. Is rather smaller than the genuine—paper not so strong—numbering letters smaller, and "British American Bank-Note Co." is omitted from the back. It is a remarkably good forgery, and great care should be taken with notes of this denomination to see that they have not the above defects.

QUEBEC BANK.

\$1 Bills of the old issue of the Toronto branch have been forged. As \$1 and \$2 Bills are now issued only by the Dominion Treasury, bills of these values issued by Banks should be refused to ensure safety.

UNION BANK OF P. E. ISLAND.

\$2 Bill has been photographed, but is a very poor forgery. The TWO is quite a daub, and shows through the paper.

Thirteen Choice Life-Maxims.

1. Affectation is at best a deformity.
2. Ask thy purse what thou shouldst buy.
3. Be slow in choosing a friend, but slower in exchanging him.
4. Before you attempt anything, consider what you can do.
5. By reading, you enrich the mind, by conversation, you polish it.
6. Consideration is due to all things.
7. If you would teach secrecy to others, begin with yourself.
8. In order to judge of another's feelings, remember your own.
9. Let your anger set with the sun, but not rise with it.
10. None have less praise than those who seek most after it.
11. Pride is as loud a beggar as want, and a great deal more saucy.
12. Rage robs a man of his reason, and makes him a laughing stock.
13. Apply the Golden Rule to your every act and thought.

The First Translation of the Bible.

The first translation of the Bible was the celebrated Greek version of the Old Testament, called the Septuagint, made B. C. 285. The meaning of the title is seventy, and was bestowed upon the work because of the approval of the version by the Sanhedrim, the highest Jewish Tribunal, composed of seventy-one members.

Concise Business Rules.

The intelligent and upright business man regulates his conduct by fixed principles and established methods. He is not the creature of impulse or caprice.

1. He is strict in keeping his engagements.
2. He does nothing carelessly or hurriedly.
3. Does not entrust to others what he can easily do himself.
4. Does not leave undone what should and can be done.
5. While frank with all, keeps his plans and views largely to himself.
6. Is prompt and decisive in his dealings, and does not over trade.
7. Prefers short credits to long ones ; and cash to credit always.
8. Is clear and explicit in his bargains.
9. Does not leave to memory what should be in writing.

10. Keeps copies of all important letters sent, and files carefully all papers of value.

11. Does not allow his desk to be littered, but keeps it tidy and well arranged.

12. Aims to keep everything in its proper place. [own eye.

13. Keeps the details of his business well in hand, and under his

14. Believes that those whose credit is suspected are not to be trusted.

15. Often examines his books and knows how he stands.

16. Has stated times for balancing his books, and sending out accounts that are due.

17. Never takes money risks that can be avoided, and shuns litigation.

18. Is careful about expenses, and keeps within his income.

19. Does not postpone until to-morrow what can as well be done to-day.

20. Is extremely careful about endorsing for any one.

21. To claims of real need he responds generously.

Health Maxims.

Don't sleep in a draught.

Don't go to bed with cold feet.

Don't stand over hot air registers.

Don't try to cool too quickly after exercising.

Don't eat merely to save food and get your money's worth.

Don't sleep with insecure false teeth in your mouth.

Don't sleep in a room without proper ventilation.

Don't stuff a cold lest you be obliged to starve a fever.

Don't neglect constipated bowels.

Don't use your voice much when very hoarse.

Don't try to get along without flannel underclothing in winter.

Don't sleep in the same undergarment you wear during the day.

Don't try to keep up on coffee and alcohol when you ought to go to bed.

Don't drink ice water rapidly : take it in sips and quite slowly.

Don't bring on baldness and headaches by wearing close, warm head coverings.

Don't try to lengthen your days by cutting short your night's rest.

Don't ruin your eyes, by reading or working by dim or flickering light.

Don't experiment with drugs because you fancy yourself ill.

Don't eat between meals unless it should be ripe fruits, or a glass of hot milk.

Don't imagine that stimulants will help you to bear heat or cold.

Don't eat pork or veal when you can get beef or mutton.

Don't hope to cure dyspepsia by using pastry and rich fruit cake.

Don't neglect to keep the feet warm, the head cool, and the bowels open, in order to promote health.

Weight and Stature of Man.

			MALES.	
Age—Years			Feet	Lbs.
0	"	.....	1.64	7.06
2	"	.....	2.60	25.01
4	"	.....	3.04	31.38
6	"	.....	3.44	38.80
9	"	.....	4.00	49.95
11	"	.....	4.36	59.77
13	"	.....	4.72	75.81
15	"	.....	5.07	96.40
17	"	.....	5.36	116.56
18	"	.....	5.44	127.59
20	"	.....	5.49	132.46
30	"	.....	5.52	140.38
40	"	.....	5.52	140.42
50	"	.....	5.49	139.96
60	"	.....	5.38	136.07
70	"	.....	5.32	131.27
80	"	.....	5.29	127.54
90	"	.....	5.29	127.54
Mean weight, 103.66 lbs.				

			FEMALES.	
Age—Years			Feet	Lbs
0	"	.....	1.62	6.42
2	"	.....	2.56	23.53
4	"	.....	3.00	28.67
6	"	.....	3.38	35.29
9	"	.....	3.92	47.10
11	"	.....	4.26	56.57
13	"	.....	4.60	72.65
15	"	.....	4.92	89.04
17	"	.....	5.10	104.34
18	"	.....	5.13	112.55
20	"	.....	5.16	115.30
30	"	.....	5.18	119.82
40	"	.....	5.18	121.81
50	"	.....	5.04	123.86
60	"	.....	4.97	119.76
70	"	.....	4.97	113.60
80	"	.....	4.94	108.80
90	"	.....	4.94	108.81
Mean weight, 93.73 lbs.				

Powers of Locomotion of Animals.

AND AVERAGE VELOCITIES OF VARIOUS BODIES.

(Miles in Hours and Feet in Seconds).

	Per hour.		Per sec.
A man walks.	3 miles,	or	4 feet.
A horse trots.....	7 "	or	10 "
A horse runs.....	20 "	or	29 "
Steamboat runs.....	18 "	or	26 "
Sailing vessel runs.....	10 "	or	14 "
Slow rivers flow.....	3 "	or	4 "
Rapid rivers flow.....	7 "	or	10 "
A moderate wind blows.....	7 "	or	10 "
A storm moves.....	36 "	or	52 "
A hurricane moves.....	80 "	or	117 "
A rifle ball moves.....	1,000 "	or	1,466 "
Sound moves.....	743 "	or	1,142 "
Light moves.....	192,000 miles per sec.		
Electricity moves.....	288,000 " " "		

Percentage of Alcohol in Various Liquors.

Scotch Whiskey.....	54.53	Currant Wine.....	20.50
Irish Whiskey.....	53.9	Porte.....	22.90
Rum.....	53.68	Madeira.....	22.27
Gin.....	51.6	Teneriffe.....	19.79
Brandy.....	53.39	Sherry.....	19.17
Burgundy.....	14.57	Claret.....	15.1
Cape Muscat.....	18.25	Elder.....	8.79
Champagne (still).....	13.80	Ale.....	6.87
Champagne (sparkling).....	12.61	Porter.....	4.2
Cider.....	5.2 to 9.8	Malaga.....	17.26
Constantia.....	19.75	Rhenish.....	12.8
Gooseberry Wine.....	11.48	Small Beer.....	1.28

Comparative Yield.

(In Pounds per Acre)

OF VARIOUS GRAINS, VEGETABLES AND FRUITS.

Lbs. per acre.	Lbs. per acre.	Lbs. per acre
Hops..... 442	Cherries 2,000	Apples 8,000
Wheat..... 1,260	Onions..... 2,800	Turnips..... 8,420
Barley..... 1,600	Hay..... 4,000	Cinque foil grass 9,600
Oats..... 1,840	Pears..... 5,000	Vetches, green. 9,800
Peas..... 1,920	Grass..... 7,000	Cabbages..... 10,900
Beans..... 2,000	Carrots..... 6,800	Parsnips..... 11,200
Plums,., 2,000	Potatoes..... 7,500	Mangel Wurzel 22,000

Highest and Greatest Mountains in the World.

NAME.	COUNTRY.	Feet High.	Miles.
Mt. Everest (Himalayas)	Thibet	29,002	5 $\frac{1}{2}$
Sorato, the highest in America	Bolivia	21,274	4
Illimani	Bolivia	21,145	4
Chimborazo	Ecuador	21,422	4 $\frac{1}{2}$
Hindoo-Koosh	Afghanistan	20,600	3 $\frac{1}{2}$
Demavend, highest of Elburz Mts.	Persia	20,000	3 $\frac{1}{2}$
Cotopaxi, highest volcano in the world ..	Ecuador	19,496	3 $\frac{1}{2}$
Antisna	Ecuador	19,156	3 $\frac{1}{2}$
St. Elias, highest in North America ..	Alaska	17,850	3 $\frac{1}{2}$
Popocatepetl, volcano	Mexico	17,540	3 $\frac{1}{2}$
Mt. Roa, highest in Oceanica	Hawaii	16,000	3
Mt. Brown, highest peak of R'ky Mts. ..	Brit. America ..	15,900	3
Mont Blanc, highest in Europe, Alps ..	Savoy	12,732	3
Mt. Rosa, next highest peak of Alps ..	Savoy	15,150	2 $\frac{1}{2}$
Limit of perpetual snow at the	Equator	15,207	2 $\frac{1}{2}$
Pichinica	Ecuador	15,924	3
Mt. Whitney	California	14,887	2 $\frac{1}{2}$
Mt. Fairweather	Alaska	14,500	2 $\frac{1}{2}$
Mt. Shasta	California	14,442	2 $\frac{1}{2}$
Mt. Ranier	Wash. Territ'y ..	14,444	2 $\frac{1}{2}$
Long's Peak, Rocky Mountains	Colorado	14,271	2 $\frac{1}{2}$
Mt. Ararat	Armenia	14,320	2 $\frac{1}{2}$
Pike's Peak	Colorado	14,216	2 $\frac{1}{2}$
Mt. Ophir	Sumatra	13,800	2 $\frac{1}{2}$
Fremont's Peak, Rocky Mountains ..	Wyoming	13,570	2 $\frac{1}{2}$
Mt. St. Helens	Wash. Territ'y ..	13,400	2 $\frac{1}{2}$
Peak of Teneriffe	Canaries	12,182	2 $\frac{1}{2}$
Miltzin, highest of Atlas Mountains ..	Morocco	11,500	2
Mt. Hood	Oregon	11,225	2
Mt. Lebanon	Syria	10,523	2
Mt. Perda, highest of Pyrenees	France	10,950	2
Mt. Ætna, volcano	Sicily	10,835	2
Monte Corno, highest of Appenines ..	Naples	9,523	1 $\frac{1}{2}$
Sneehattan, highest Dovrefield Mts. ..	Norway	8,115	1 $\frac{1}{2}$
Pindus, highest in	Greece	7,677	1 $\frac{1}{2}$
Mount Sinai	Arabia	6,541	1 $\frac{1}{2}$
Black Mountain, highest in	N. Carolina	6,760	1 $\frac{1}{2}$
Mt. Washing, highest White Mts.	N. Hampshire ..	6,285	1 $\frac{1}{2}$
Mt. Marcy, highest in	New York	5,420	1
Mt. Hecla, volcano	Iceland	5,104	1
Ben Nevis, highest in Great Britain ..	Scotland	4,406	7
Mansfield, highest of Green Mts.	Vermont	4,280	7
Peaks of Otter	Virginia	4,260	7
Mt. Vesuvius	Naples	4,353	7
Round Top, highest of Catskills Mts. ..	New York	3,804	7

rd.

Miles.

The Longest and Greatest Rivers in the World.

RIVERS.	RISE.	DISCHARGE.	MILES.
Missouri	Rocky Mountains.....	Gulf of Mexico.....	4,194
Mississippi	Lake Itaska.....	Gulf of Mexico.....	2,616
Amazon	Andes.....	Atlantic Ocean.....	3,944
Hoang-Ho.....	Koukoun Mountains.....	Yellow Sea.....	3,000
Murray.....	Australian Alps.....	Encounter Bay.....	3,000
Obi.....	Altain Mountains.....	Arctic Ocean.....	2,800
Nile.....	Blue Nile, Abyssinia.....	Mediterranean..	2,750
Yang-tse-Kia.....	Thibet.....	China Sea.....	2,500
Lena.....	Heights of Irkutsk.....	Arctic Ocean.....	2,500
Niger.....	Base of Mt. Loma.....	Gulf of Guinea.....	2,300
St. Lawrence.....	River St. Louis.....	G'f of St. Lawrence.....	1,960
Volga.....	Lake in Volhonsky.....	Caspian Sea.....	1,900
Maykiang.....	Thibet.....	Chinese Gulf.....	1,700
Indus.....	Little Thibet.....	Arabian Sea.....	1,700
Danube.....	Black Forest.....	Black Sea.....	1,630
Mackenzie.....	River Athabasca.....	Arctic Ocean.....	2,500
Brahmapootra.....	Himalaya.....	Bay of Bengal.....	1,500
Columbia.....	Rocky Mountains.....	Pacific Ocean.....	1,090
Colorado.....	San Iba.....	Gulf of California.....	1,000
Susquehanna.....	Lake Otsego.....	Chesapeake Bay.....	400
James.....	Alleghany Mountains.....	Chesapeake Bay.....	500
Potomac.....	Gr. Black Bones Mts.....	Chesapeake Bay.....	400
Hudson.....	Adirond'ks, Mt. Marcy.....	Bay of New York.....	325

Carrying Capacity of a Freight Car.

This Table is for Ten Ton Cars.

Whiskey.....	60 barrels	Lumber.....	6,000 feet.
Salt.....	70 "	Barley.....	300 bushels
Lime.....	70 "	Wheat.....	340 "
Flour.....	90 "	Flax Seed.....	360 "
Eggs.....	130 to 160 "	Apples.....	370 "
Flour.....	200 sacks.	Corn.....	400 "
Wood.....	6 cords.	Potatoes.....	450 "
Cattle.....	18 to 20 head.	Oats.....	680 "
Hogs.....	50 to 60 "	Bran.....	1,000 "
Sheep.....	80 to 100 "	Butter.....	20,000 pounds

First Steamboat and Locomotive in the U. S.

The first steamboat plied the Hudson in 1807.

The first use of a locomotive in the United States was in 1829.

The first railroad (wooden), in the U. S., was in Ridley Twp., Pa.

The first railroad (iron), in the U. S., was at Quincy, Mass.

Size of Lakes, Seas and Oceans.

LAKES.	Miles		SEAS.	Miles
	Long.	Wide.		Long.
Superior	380	120	Mediterranean.....	2,000
Michigan	330	60	Caribbean.....	1,800
Ontario.....	180	40	China	1,700
Champlain	123	12	Red	1,400
Erie	270	50	Japan	1,000
Huron	250	90	Black	932
Cayuga.....	36	4	Caspian	640
George.....	36	3	Baltic.....	600
Baikal	360	35	Okhotsk	600
Great Slave.....	300	45	White	450
Winnipeg.....	240	40	Aral	250
Athabasca	200	20	OCEANS.	
Maracaybo.....	150	60		
Great Bear.....	150	40	Pacific.....	80,000,000
Ladoga	125	75	Atlantic.....	40,000,000
Constance	45	10	Indian	20,000,000
Geneva	50	10	Southern.....	10,000,000
Lake of the Woods..	70	25	Arctic	5,000,000

Number of Yards in Miles of Different Nations.

YARDS.		YARDS.	
Arabian.....	2,148	Italian	2,025
Bohemian.....	10,187	Luthenian.....	9,784
Brebant.....	6,082	Oldenburg	10,820
Burgundy	6,183	Persian paisang	6,086
Chinese Ills.....	628	Polish (short).....	6,095
Dutch	6,395	Polish (long).....	8,101
Danish	8,244	Portuguese (leguas)	6,760
English (United States)...	1,760	Prussian	8,468
English geographical	2,025	Roman (ancient).....	1,613
Flemish	6,869	Roman (modern)	2,035
German geographical	8,100	Russian (Verst).....	1,167
Hamburg	8,244	Saxon	9,905
Hanover.....	11,559	Scotch	1,984
Hessian	10,547	Silesian	7,083
Hungarian.....	9,113	Spanish (leguas)	4,630
French (art leagues)	4,860	Spanish (com).....	7,416
French (marine).....	6,075	Swiss	9,166
Legal league, 2,000 toises..	4,263	Swedish	11,704
Irish	3,038	Turkish.....	1,821

Measure 209 feet on each side, and you will have a square acre within an inch, United States Land Measure.

Height of Principal Monuments and Towers.

Miles Long.	NAMES.	PLACES.	Feet.
2,000	Pyramid of Cheops.....	Egypt.....	486
1,800	Antwerp Cathedral.....	Belgium.....	478
1,700	Strasburg Cathedral.....	France.....	474
1,400	Pyramid of Cephrenes.....	Egypt.....	456
1,000	St. Peter's Cathedral.....	Rome.....	448
932	St. Martin's Church at Landshut.....	Germany.....	411
640	St. Paul's Cathedral, London.....	England.....	365
600	Salisbury Cathedral.....	England.....	400
600	Cathedral at Florence.....	Italy.....	387
450	Cathedral at Cremona.....	Lombardy.....	396
250	Church at Fribourg.....	Germany.....	336
	Cathedral of Seville.....	Spain.....	360
	Cathedral of Milan.....	Lombardy.....	355
	Cathedral of Utrecht.....	Holland.....	356
000,000	Pyramid of Sakkarah.....	Egypt.....	356
000,060	Cathedral of Notre Dame, Munich.....	Bavaria.....	348
000,000	St. Mark's Church.....	Venice.....	328
000,000	St. James' Cathedral.....	Toronto.....	316
000,000	Assinelli Tower, Bologna.....	Italy.....	314
	Trinity Church.....	New York.....	284
	Column at Delhi.....	Hindustan.....	262
	Porcelain Tower, Nankin.....	China.....	260
	Church of Notre Dame.....	Paris.....	224
	Bunker Hill Monument.....	Massachusetts.....	221
	Leaning Tower of Pisa.....	Italy.....	179
	Washington Monument.....	Baltimore.....	175
	Monument, Place Vendome.....	Paris.....	153
	Trajan's Pillar, Rome.....	Italy.....	151
	Obelisk of Luxor, now in.....	Paris.....	110
	Egyptian Obelisk, now in.....	New York.....	

ions.

ARDS.

2,025

9,784

10,820

6,086

6,095

8,101

6,760

8,468

1,613

2,035

1,167

9,905

1,984

7,083

4,630

7,416

9,166

1,704

1,821

acre

Weights and Measures for Cooks, etc.

1 pound of Wheat Flour is equal to.....	1 quart
1 pound and 2 ounces of Indian Meal make.....	1 quart
1 pound of soft butter is equal to.....	1 quart
1 pound and 2 ounces of Best Brown Sugar make.....	1 quart
1 pound and 1 ounce of Powdered White Sugar make.....	1 quart
1 pound of Broken Loaf Sugar is equal to.....	1 quart
4 large Tablespoonfuls make.....	$\frac{1}{2}$ gill
1 Common-sized Tumbler holds.....	$\frac{1}{2}$ pint
1 Common-sized Wine-glass is equal to.....	$\frac{1}{2}$ gill
1 Tea-cup holds.....	1 gill
1 Large Wine-glass holds.....	2 ounces
1 Tablespoonful is equal to.....	$\frac{1}{2}$ ounce

Cost of Small Quantities of Hay.

PRICE PER TON.	50 lbs. worth.	100 lbs. worth.	200 lbs. worth.	300 lbs. worth.	400 lbs. worth.
Four dollars.....	10 cts.	20 cts.	40 cts.	60 cts.	\$.80
Five dollars.....	12 "	25 "	50 "	75 "	1.00
Six dollars.....	15 "	30 "	60 "	90 "	1.20
Seven dollars.....	17 "	35 "	70 "	1.05 "	1.40
Eight dollars.....	20 "	40 "	80 "	1.20 "	1.60
Nine dollars.....	22 "	45 "	90 "	1.35 "	1.80
Ten dollars.....	25 "	50 "	1.00 "	1.50 "	2.00
Eleven dollars.....	27 "	55 "	1.10 "	1.65 "	2.30
Twelve dollars.....	30 "	60 "	1.20 "	1.80 "	2.40
Thirteen dollars...	33 "	65 "	1.30 "	1.95 "	2.60
Fourteen dollars...	35 "	70 "	1.40 "	2.10 "	2.80
Fifteen dollars....	37 "	75 "	1.50 "	2.25 "	3.00

Amount of Oil in Seeds.

Kinds of seed.	Per cent Oil.	Kinds of Seed.	Per cent Oil.
Rapeseed.....	55	Oats	6½
Sweet Almond	47	Clover hay.....	5
Turnip seed.....	45	Wheat bran.....	4
White mustard.....	37	Oat-straw	4
Bitter Almond.....	37	Meadow hay.....	3½
Hempseed	19	Wheat-straw.....	3
Linseed	17	Wheat flour.....	3
Indian corn.....	7	Barley.....	3½

Longest and Shortest Days at various Capitals.

PLACE.	Length of the longest day.		Length of the shortest day.		PLACE.	Length of the longest day.		Length of the shortest day.	
	H.	M.	H.	M.		H.	M.	H.	M.
Stockholm	18	30	5	54	Madrid.....	15	0	9	14
Copenhagen.....	17	20	6	54	Cairo.....	14	0	10	10
St. Petersburg..	18	44	5	42	Naples.....	15	3	9	14
Berlin	16	38	7	40	Constantinople	15	4	9	12
London	16	32	7	44	Calcutta	13	26	10	42
Edinburgh.....	17	32	6	50	Pekin	14	58	9	16
Dublin	16	56	7	18	Boston	15	16	8	58
Amsterdam	16	44	7	33	Cape Town.....	14	22	9	48
Vienna	15	58	8	17	Washington....	14	52	9	22
Paris	16	6	8	10	Panama.....	12	36	11	34

Relative Value of Different Foods for Stock.

One hundred pounds of good hay for stock are equal to :

Articles.	Pounds.	Articles.	Pounds.
Beets, white silesia.....	660	Lucerne.....	89
Turnips.....	469	Clover, red, dry.....	88
Rye-straw.....	429	Buckwheat.....	78½
Clover, red, green.....	373	Corn.....	62½
Carrots.....	371	Oats.....	59
Mangolds.....	368½	Barley.....	58
Potatoes, kept in pit.....	350	Rye.....	53½
Oat-straw.....	367	Wheat.....	44½
Potatoes.....	360	Oil-cake, linseed.....	43
Carrot leaves (tops).....	135	Peas, dry.....	37½
Hay, English.....	100	Beans.....	28

Years of Age which various Animals Attain.

Whale, estimated.....	300	Bear.....	20
Elephant.....	400	Cow.....	20
Swan.....	300	Deer.....	20
Tortoise.....	100	Swine.....	20
Eagle.....	100	Cat.....	15
Raven.....	100	Fox.....	15
Camel.....	100	Dog.....	10
Lion.....	70	Sheep.....	10
Porpoise.....	30	Rabbit.....	7
Horse.....	30	Squirrel.....	7

The Wedding Anniversary.

At end of first year comes the.....	Cotton Wedding
Second year.....	Paper Wedding
Third year.....	Leather Wedding
Fifth year.....	Wooden Wedding
Seventh year.....	Woollen Wedding
Tenth year.....	Tin Wedding
Twelfth year.....	Silk and Fine Linen Wedding
Fifteenth year.....	Crystal Wedding
Twentieth year.....	China Wedding
Twenty-fifth year.....	Silver Wedding
Thirtieth year.....	Pearl Wedding
Fortieth year.....	Ruby Wedding
Fiftieth year.....	Golden Wedding
Seventy-fifth year.....	Diamond Wedding

Railroad Signals.

One pull of bell-cord signifies "stop."

Two pulls mean "go-ahead."

Three pulls signify "back-up."

One whistle signifies "down brakes."

Two whistles means "off brakes."

Three whistles signify "back up."

Continued whistles indicate "danger."

Rapid short whistles, "a cattle alarm."

A sweeping parting of the hands, on a level with the eyes, signifies "go ahead."

A slowly sweeping meeting of the hands, over the head, means "back slowly."

Downward motions of the hand, with extended arms, signifies "stop."

Beckoning motion of one hand, signifies "back."

A red flag waved up the track, signifies "danger."

A red flag standing by the roadside means "danger ahead."

A red flag carried on a locomotive, signifies "an engine following."

A red flag raised at a station, is a signal to "stop."

A lantern at night raised and lowered vertically, is a signal to "start."

A lantern swung at right angles across the track, means "stop."

A lantern swung in a circle, signifies "back the train."

Value of a Ton of Gold and a Ton of Silver.

The value of a ton of pure Gold is \$602,799.21.

\$1,000,000 gold coin weigh 3,685.8 lbs. avoirdupois.

The value of a ton of Silver is \$37,704.84.

\$1,000,000 silver coin weigh 58,929.9 lbs. avoirdupois.

Scriptural Measures of Capacity.

WITH ENGLISH EQUIVALENTS.

The Chomer or Homer in King James' translation was 75.625 gals. liquid, and 32 125 pecks dry. The Ephah or Bath was 7 gals. 4 pts., 15 ins. sol. The Seah, $\frac{1}{2}$ of Ephah, 2 gals. 4 pts., 3 in. sol. The Hin= $\frac{1}{4}$ of Ephah, 1 gal. 2 pts., 1 in. sol. The Omer=1-10 of Ephah, 5 pts., 0.5 ins. sol. The Cab=1-18 of Ephah, 3 pts., 10 ins. sol. The Log=7 1-72 of Ephah, $\frac{1}{2}$ pt., 10 ins. sol. The metretes of Syria (*John ii. 6*)=Cong. Rom. 7 $\frac{1}{2}$ pts. The Cotyla Eastern=1-100 of Ephah, $\frac{1}{2}$ pt., 3 ins. sol. This Cotyla contains just 10 ozs. Avoirdupois of rain water. Omer, 100; Ephah, 1,000; Chomer or Homer, 10,000.

Postage Rates charged in Canada.

CANADA.

Letters to any place in Canada or the United States for each	
$\frac{1}{2}$ oz	3 cents
Newfoundland and Great Britain, for each $\frac{1}{2}$ oz.....	5 "
City or drop.....	1 "
Post Cards, Canada and United States.....	1 "
Great Britain.....	2 "
Books, Canada and United States (limit 5lbs.) for each 4 oz..	1 "
Great Britain, for each 2 oz.....	1 "
Newspapers, Canada and United States, for each 4 oz.....	1 "
Great Britain, for each 2 oz.....	1 "
Parcel, Canada (limit 5lbs.) for each 4 oz	6 "
(Parcels to Manitoba must not exceed 2 lbs. 3 oz. None to Great Britain or United States).	
Samples, not exceeding $1\frac{1}{2}$ lbs, to any part of Canada, for each 4 oz.....	4 "
United States, not exceeding 8 oz.....	8 "
Great Britain, not exceeding 8 oz., 2c. for first 4 oz., 1c. for each additional oz.	

REGISTRATION.

Letter, Canada, each.....	2 cents
" United States and Great Britain, each.....	5 "
Books, Great Britain, each.....	5 "
Parcels and Samples, Canada, each	5 "

FOREIGN.

Austria, Belgium, Denmark, Egypt, France, Germany, Gibraltar, Greece and Ionian Isles, Italy, Japan, Malta, Netherlands, Norway, Portugal, Russia, Spain, Sweden, Switzerland, Turkey—Letters, 5c. every $\frac{1}{2}$ oz. ; Post Cards, 3c. each ; Newspapers, 2c. each 4 oz. ; Books, 1c. each 2 oz. ; Registration, 5c.

Australia, except New South Wales, Victoria and Queensland—Letters, 7c. each $\frac{1}{2}$ oz. ; Books, 3c. each 2 oz. New South Wales, Victoria, Queensland, New Zealand— Letters, 15c. each $\frac{1}{2}$ oz. ; Newspapers, 4c. each 4 oz. ; Books, 6c. each 2 oz. ; Registration, 15c.

MONEY ORDERS.

On Orders payable in the Dominion of Canada. Limit \$100.

On Orders up to \$ 4 00..	2 cents	Over \$40 00 up to \$60 00..	30 cents
Over \$ 4 00 "	10 00.. 5 "	" 60 00 "	80 00.. 40 "
" 10 00 "	20 00.. 10 "	" 80 00 "	100 00.. 50 "
" 20 00 "	40 00.. 20 "		

On Orders payable in the United Kingdom, United States, all Foreign Countries and British Possessions. Limit \$50.

On Orders up to \$10 00..	10 cents	Over \$30 00 "	40 00.. 40 cents
Over \$10 00 "	20 00.. 20 "	" 40 00 "	50 00.. 50 "
" 20 00 "	30 00.. 30 "		

St. Nicholas or Santa Claus.

The patron saint of boys. He is said to have been bishop of Myra, and to have died in the year 326. The young were universally taught to revere him, and the popular fiction which represents him as the bearer of presents to children on Christmas eve is well known. He is the Santa Claus (or Klaus) of the Dutch. St. Nicholas is said to have supplied three destitute maidens with marriage portions by secretly leaving money at their window, and as his day occurred just before Christmas, he thus was made the purveyor of the gifts of the season to all children in Flanders and Holland who put out their shoe or stocking in the confidence that Santa or Klaus, Knecht Clobes, as they call him, will put in a prize for good conduct before morning. Another legend described the saint as having brought three murdered children to life again; and this rendered him the patron of boys, especially school-boys.

Weight of Various Substances.

AVORDUPOIS.

1 cubic foot of bricks weighs 124 pounds; 1 do. clay 250; 1 do. sand or loose earth 95; 1 do. common soil 124; 1 do. cork 15; 1 do. marble 161; 1 do. granite 165; 1 do. cast iron 450.55; 1 do. wrought iron 486.65; 1 do. copper 555; 1 do. lead 708.75; 1 do. brass 534.75; 1 do. tin 435; 1 do. white pine 29.56; 1 do. elm, 34.9; 1 do. English Oak 60.04; 1 do. sea water 64.3; 1 do. fresh water 62.05; 1 do. air .07529; 1 do. steam .3889.

Remedies for Burns and Scalds.

Every family should have a preparation of flaxseed oil, chalk and vinegar, about the consistency of thick paint, constantly on hand for burns and scalds. The best application in cases of burns and scalds is a mixture of one part of carbolic acid to 8 parts of olive oil. Lint or linen rags are to be saturated in the lotion, and spread smoothly over the burned part, which should then be covered with oiled silk or gutta-percha tissue to exclude air.

Strength of Ice of Different Thickness.

Two inches thick—Will support a man.
 Four inches thick—Will support a man on horseback.
 Five inches thick—Will support an eighty-pounder cannon.
 Eight inches thick—Will support a battery of artillery, with carriages and horses.
 Ten inches thick—Will support an army; an innumerable multitude.

Greatest Known Depth of the Ocean.

The greatest depth which has been ascertained by sounding is five miles and a quarter (25,720 feet, or 4,620 fathoms), not quite equal to the height of the highest known mountain, Mount Everest, which measures 29 002 feet, or $5\frac{1}{2}$ miles high. The average depth between 60 degrees north and 60 degrees south, is nearly three miles.

Hints for Housekeepers.

ANTS, RED.—Sprigs of winter-green or ground ivy will drive away red ants. Branches of wormwood will serve the same purpose for black ants. The insects may be kept out of sugar barrels by drawing a wide chalk mark around the top, near the edge.

BOOTS.—To make leather boots waterproof, saturate them with castor oil; to stop squeaking drive a peg into the middle of the sole.

CLINKERS.—To remove clinkers from stoves or fire-brick, put in about half a peck of oyster shells on top of a bright fire. This may need repeating.

GREASE SPOTS.—To remove grease spots, thoroughly saturate with turpentine, place a soft blotting paper beneath and another on top of the spot, and press it hard. The fat is dissolved, then absorbed by the paper, and entirely removed from the cloth.

GILT FRAMES.—To restore gilt frames, rub with a sponge moistened in turpentine.

INK STAINS.—To remove stains of ink, wash carefully with pure water, and apply oxalic acid. If the latter changes the dye to a red tinge, restore the colour with ammonia.

PAINT.—Chloroform will remove paint. When the colour of a fabric has been destroyed by an acid, ammonia is applied to neutralize the same; after which an application of chloroform will, in almost all cases, restore the original colour.

SILVERWARE.—To prevent articles of silverware from tarnishing, first warm them, and then paint them over with a thin solution of collodion in alcohol, using a wide, soft brush for the purpose.

STARCH.—To prevent starch from souring when boiled, add a little sulphate of copper.

FURNITURE, TO CLEAN.—First rub with cotton waste, dipped in boiled linseed oil; then rub clean and dry with a soft flannel cloth. Care should be taken that the oil is all removed.

EGG STAINS.—To remove from spoons, rub with common salt.

HAIR.—To clean hair, wash well with a mixture of soft water; 1 pint; sal-soda, 1 ounce; cream tartar, $\frac{1}{2}$ ounce.

CUTS.—A drop or two of creosote on a cut will stop its bleeding.

BITES AND STINGS OF INSECTS.—Wash with a solution of ammonia water.

BITES OF MAD DOGS.—Apply caustic potash at once to the wound and give a powerful opiate to cause sleep.

BURNS.—Make a paste of common baking soda and water, and apply it promptly to the burn. It will quickly check the pain and inflammation.

SCREW.—To remove an obdurate screw, apply a red-hot iron to the head for a short time, the screw-driver being applied immediately while the screw is hot.

FRUIT STAINS.—To remove the stains of acid fruit from the hands, wash your hands in clear water, dry slightly, and while yet moist, strike a match and hold your hands around the flame. The stains will immediately disappear.

IRON RUST.—To remove from muslin or white goods, thoroughly saturate the spots with lemon juice and salt, and expose to the sun. Usually more than one application is required. A good way to prevent its appearance on clothes is when washing to always have them inclosed in a muslin bag while being boiled.

Dictionary of Musical Terms.

Accompaniment. A secondary part added to the principal for the improvement of the general effect.

Adagio. A slow movement.

Ad libitum. Implies that the time of the movement is left to the discretion of the performer.

Allegretto. With cheerful quickness.

Andante. Somewhat sedate; slowly.

Animato, Animaso, or Con Anima. Animated; with spirit.

Assai. Very: used as an adverb with another word.

A temp. In regular time.

Beat. An indication of a certain duration of time.

Ben. Implying well as *Ben marcato*.

Calando. A gradual diminution in speed and tone.

Chromatic. Proceeding or formed by semi-tones.

Con. With; as *Con espressione*.

Crescendo. A gradual increase in tone.

Da, By, Delicato. With delicacy.

Dales, or Dal. In a soft, quiet manner.

Doloroso. In a melancholy, sad style.

Espressio, or Con espressione. With expression.

Fine. The end. *Fork, or For.* Strong, loud.

Furioso. With great animation. *Giusto.* In perfect time.

Grave. The slowest time or movement.

Gusto, Con gusto. With style; taste. *Il.* The.

Impetuoso. Impetuously. *In.* In; as *In tempo*.

Intrazo, or Introduzione. An introduction to a piece of music.

Largo. A slow and solemn degree of time.

Legato. In a smooth, even manner. *Leggiando.* Lightly.

Marcato. In a marked manner. *Meme.* The same.

Mezzo. In a medium degree ; as *Mezzo forte*.
Moderato. Moderately. *Malto.* Very ; as *Malto forte*.
Movimento. Movement ; time. *Nobile.* Grandly ; impressively.
Obligato. An essential portion of a composition.
Ottava, or 8va. An octave.
Pedale, or Ped. Signifies that performer must press down ped^{al}.
Pen. A little. *Piano, or P.* Soft.
Pianissimo, or PP. Very soft. *Plus.* More.
Poco a poco. Gradually ; by a regular gradation.
Pomposo. Pompously. *Precipitato.* Very quickly ; hurriedly.
Premiere. First ; as *Premiere fois* ; first time.
Presto. Very quick. *Primo.* As *Violino primo*, first violin.
Quasi. In the manner of ; like. *Quieto.* With repose, quietly.
Rapido. Rapidly. *Rinforzando.* *Rinf.* or *Rf.* with increase.
Ritenente, Ritenato. Decreasing in speed.
Segno, Segn as *al Segno.* Go back to sign.
Sempre. Always, as *Sempre piane.* *Serioso.* Seriously.
Solo. Sola. Alone. A composition rendered by one person.
Sostenuto or Sost. Prolonged, sustained.
Spirito. With spirit.
Staccato. Each note to be distinctly marked.
Stesso. The same.
Syncopation. Connecting the last note of a bar with the first note of the following, thus forming one prolonged note with a duration equal to the two.
Syncopate. In a syncopated style. *Tanto or Ten.* Not so much.
Tardo. Slowly. *Tempo Comodo.* Conveniently.
Theme. A subject. *Tranquillo.* Tranquilly.
Tremendi. With terrific expression.
Tremando, Tremolo. The rapid striking of a note so as to produce a tremendous effect.
Trille, or Trillo. A trill or shake.
Trio. A composition for three performers.
Triplet. A group of three notes equal in duration of time to two notes of the same value.
Un A. As *un poco*, a little.
Veloce. Rapidly.
Velocissimo. With great rapidity.
Vigorouso. With vigor.
Vivace. Vivamented ; briskly.
Volti Subito. Turn over quickly.

Weight of Lead Pipe per Foot.

Medium, $\frac{1}{2}$ in. 1 lb. ; $\frac{3}{4}$ in. 1 lb. 5 oz. ; $\frac{7}{8}$ in. 2 lbs. 3 oz. ; $\frac{1}{2}$ in. 2 lbs. 11 oz. ; 1 in. 3 lbs. 7 oz. ; $1\frac{1}{4}$ in. 3 lbs 11 oz. ; $1\frac{1}{2}$ in. 5 lbs. 3 oz. ; $1\frac{3}{4}$ in. 5 lbs. 5 oz. ; 2 in. 6 lbs. 11 oz. ; $2\frac{1}{2}$ in. 10 lbs. ; 3 in. 11 lbs. 10 oz. ; $3\frac{1}{2}$ in. 15 lbs.

The Cost of Smoking.

The following figures show the expense of smoking two cigars and three cigars a day, at 5 cents each, and at 10 cents each, from the age of 20 to the end of each period of five years, up to the age of 70, 6 per cent. compound interest semi-annually being reckoned upon the money :

From the Age of—	Two Cigars a day at 5 Cents Each.		Three Cigars a day at 5 Cents Each.	
	Principal.	Pr. & Int.	Principal.	Pr. & Int.
20 to 25 years.....	\$ 182.50	\$ 209.21	\$ 273.75	\$ 313.15
20 to 30 ".....	365.00	490.39	547.50	745.74
20 to 35 ".....	574.50	868.25	821.25	1,314.72
20 to 40 ".....	730.00	1,376.08	1,095.00	2,081.16
20 to 45 ".....	912.50	2,058.44	1,368.75	3,110.74
20 to 50 ".....	1,095.00	3,094.99	1,642.50	4,494.41
20 to 55 ".....	1,277.50	4,367.46	1,916.25	6,353.87
20 to 60 ".....	1,460.00	6,078.73	2,190.00	8,855.02
20 to 65 ".....	1,642.50	8,378.52	2,463.75	12,215.36
20 to 70 ".....	1,825.00	11,469.25	2,737.50	16,216.37

From the Age of—	Two Cigars a day at 10 Cents. Each.		Three Cigars a day at 10 Cents Each.	
	Principal.	Pr. & Int.	Principal.	Pr & Int.
20 to 25 years.....	\$ 365.00	\$ 418.43	\$ 547.50	\$ 627.95
20 to 30 ".....	730.00	980.78	1,095.00	1,471.56
20 to 35 ".....	1,095.00	1,736.52	1,642.50	2,717.85
20 to 40 ".....	1,460.00	2,752.20	2,190.00	4,281.24
20 to 45 ".....	1,825.00	4,115.92	2,737.50	6,382.47
20 to 50 ".....	2,190.00	5,949.88	3,285.00	9,205.16
20 to 55 ".....	2,555.00	8,414.47	3,832.50	12,968.61
20 to 60 ".....	2,920.00	11,738.03	4,380.00	18,100.14
20 to 65 ".....	3,285.00	16,093.51	4,927.50	24,952.72
20 to 70 ".....	3,650.00	21,937.72	5,475.00	34,162.14

Time at which Money Doubles at Compound Interest.

At 2 per cent. interest, in 35 years ; at 3 per cent., in 23 years 5½ months ; at 4 per cent. in 17 years 8 months ; at 5 per cent., in 15 years 2½ months ; at 6 per cent., in 14 years 11 months ; at 7 per cent., in 10 years 3 months ; at 8 per cent., in 9 years ; at 9 per cent., in 8 years and ½ month ; at 10 per cent., in 7 years 3½ months.

How to Mix Printing Ink and Paints for Tints.

Mixing Red and Black makes	Brown
Mixing Lake with White makes	Rose
Mixing Umber and White makes	Drab
Mixing White and Brown makes	Chestnut
Mixing Yellow and Brown makes	Chocolate
Mixing Red with Light Blue makes	Purple
Mixing Carmine with Straw makes	Flesh Colour
Mixing Blue with Lead Colour makes	Pearl
Mixing Carmine with White makes	Pink
Mixing Lamp-Black with Indigo makes	Silver Grey
Mixing Lamp-Black with White makes	Lead Colour
Mixing Paris Green with White makes	Bright Green
Mixing Yellow Ochre with White makes	Buff
Mixing White tinted with Purple makes	French White
Mixing Black with Chrome Green makes	Dark Green
Mixing Chrome Green with White makes	Pea Green
Mixing Emerald Green with White makes	Brilliant Green
Mixing Vermilion with Chrome Yellow makes	Orange
Mixing Chrome Yellow with White Lead makes	Straw Colour
Mixing White tinted with Red and Yellow makes	Cream
Mixing Chrome Yellow, Blue, Black and Red makes	Olive

Popular and Electoral Votes for Presidents.

Year.	CANDIDATES.	PARTY.	Popular Vote.	Elec'l Vote.
1824....	Andrew Jackson.....	Democrat.....	152,287	99
1824....	John Q. Adams.....	Federal.....	105,321	84
1824....	W. H. Crawford.....	Republican.....	44,282	41
1824....	Henry Clay.....	Republican.....	46,587	37
1828....	Andrew Jackson.....	Democrat.....	647,231	178
1828....	John Q. Adams.....	Federal.....	509,097	83
1832....	Andrew Jackson.....	Democrat.....	687,502	219
1832....	Henry Clay.....	Nat. Republican..	530,189	49
1832....	John Floyd.....	Whig.....		11
1832....	William Wirt.....	Whig.....		7
1836.....	Martin Van Buren..	Democrat.....	761,549	170
1836.....	W. H. Harrison.....	Whig.....		73
1836.....	Hugh L. White.....	Whig.....		26
1836.....	Daniel Webster.....	Whig.....	736,656	14
1836.....	W. P. Mangum.....	Whig.....		11
1840....	Martin Van Buren..	Democrat.....	1,128,702	48
1840....	W. H. Harrison.....	Whig.....	1,275,017	234

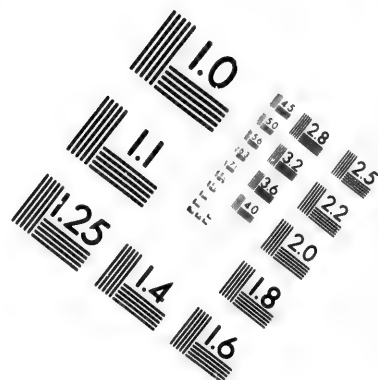
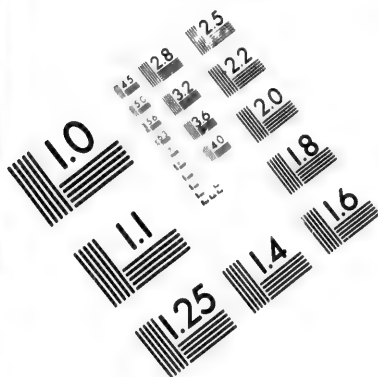
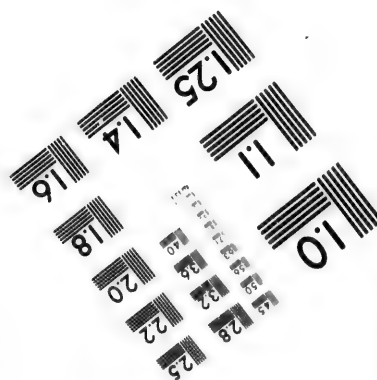
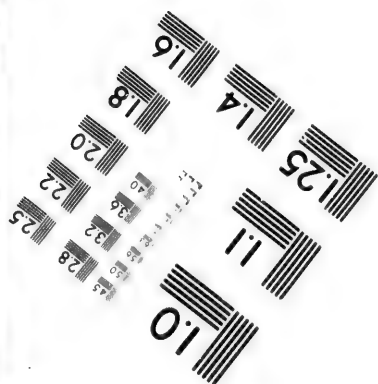
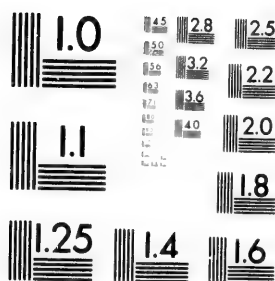


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Popular Votes for Presidents—(Continued). •

Years.	CANDIDATES.	PARTY.	Popular Vote.	Elec'l Vote.
1840	J. G. Birney	Liberty	7,059	..
1844	James K. Polk	Democrat	1,337,243	170
1844	Henry Clay	Whig	1,299,068	105
1844	James G. Birney	Liberty	62,300	..
1848	Zachary Taylor	Whig	1,360,101	163
1848	Lewis Cass	Democrat	1,220,544	127
1848	Martin Van Buren	Free Soil	291,263	..
1852	Franklin Pierce	Democrat	1,601,474	254
1852	Winfield Scott	Whig	1,386,578	42
1852	John P. Hale	Free Soil	156,149	..
1856	James Buchanan	Democrat	1,838,169	174
1856	John C. Fremont	Republican	1,341,262	114
1856	Millard Fillmore	American	874,534	8
1860	Abraham Lincoln	Republican	1,866,352	180
1860	Stephen A. Douglas	Democrat	1,375,157	12
1860	John C. Breckenridge	Democrat	845,763	72
1860	John Bell	Union	589,581	39
1864	Abraham Lincoln	Republican	2,216,067	212
1864	Geo. B. McClellan	Democrat	1,808,725	21
1868	U. S. Grant	Republican	3,015,071	214
1868	Horatio Seymour	Democrat	2,709,613	80
1872	U. S. Grant	Republican	3,597,070	286
1872	Horace Greeley	Liberal and Dem.	2,834,079	..
1872	Charles O'Connor	Democrat	29,408	..
1872	James Black	Temperance	5,608	..
1876	R. B. Hayes	Republican	4,033,950	185
1876	Samuel J. Tilden	Democrat	4,284,885	184
1876	Peter Cooper	Greenback	81,740	..
1876	G. C. Smith	Prohibition	9,522	..
1876	Scattering .....	.....	2,636	..
1880	James A. Garfield	Republican	4,449,053	214
1880	Winfield S. Hancock	Democrat	4,442,035	155
1880	James B. Weaver	Greenback	314,324	..
1884	J. B. Blaine	Republican .....	.....	..
1884	Grover Cleveland	Democrat .....	.....	..
1884	John P. St John	Prohibition .....	.....	..
1884	Benjamin Butler	Greenback .....	.....	..
1884	Mrs. B. Lockwood	Woman's Rights .....	.....	...

IN AMERICA -The largest rivers are Missouri to the Mississippi, 3,100; Missouri to the Gulf, 4,350; Mississippi, 3160; Amazon, 3,600; River De La Plata, 2,240; St. Lawrence, 2,100; Orinoco, 1,600; Rio Grande, 1,800.

Weight of a Cubic Foot of Earth, Stone, Metal, &c.

Substance.	Lbs.	Oz.	Substance.	Lbs.	Oz.
Platina	1,218	12	Honey	90	10
Pure Gold	1,203	10	Vinegar	67	8
Lead	709	8	Blood	65	14
Pure Silver	625	13	Beer	64	10
Steel	487	12	Milk	64	8
Tin	455	11	Cider	63	10
Cast Iron	450	7	Tar	63	7
Copper	547	4	Rain Water	62	8
Brass	543	12	Linseed Oil	58	12
Zinc	428	13	Brandy	57	12
Italian Marble	169	4	Ice	57	8
Vermont Marble	165	9	Alcohol	49	12
Window Glass	165	2	Lignum Vitæ	83	5
Common Stone	157	8	Ebony	83	5
Moist Sand	128	2	Mahogany	66	7
Clay	120	10	White Oak	43	12
Brick	118	12	Red Hickory	52	6
Mortar	109	6	Maple	46	14
Mud	101	14	Shelbark Hickory	43	2
Loose Earth	93	12	Chestnut	38	2
Lehigh Coal, loose	56	4	Yellow Pine	28	13
Lackawanna, loose	48	10	Spruce	31	4

Origin of the Dollar.

Previous to July 6, 1785, the English pound was in use. On that date the Continental Congress of the United States established the dollar, although the exact weight was not fixed until August 8, 1786, when it was made to equal about that of the old Spanish dollar. The dollar did not originate with the Spanish, but was first coined at Joachimsthal, a mining town in Bohemia.

The Flying Dutchman.

The name given by sailors to a phantom ship, supposed to cruise in storms off the Cape of Good Hope. According to tradition, a Dutch captain, bound home from the Indies, met a long-continued hard wind at the Cape of Good Hope, and refused to put back to sea, swearing that he would beat around the Cape, should it take until the Day of Judgment. He was taken at his word. His ship is believed to have become white and his sails threadbare with age. He can not heave to, or lower a boat, but sometimes speaks to passing vessels through his speaking trumpet, requesting them to take letters home for him.

Paper required for a Book of any Size.

EXAMPLE.—How many Reams will be required for a 12mo Book containing 408 pages? Find the number of pages (408) in the 12mo column; in the outer column on the left of the table the number of forms is seen, and in the outer column on the right is the quantity of paper required is given.

No. of Forms	8vo.	12mo.	16mo.	18mo.	24mo.	32mo.	36mo.	Amount of Paper for 1000 Copies	
	Page.	Page.	Page.	Page	Page	Page.	Page.	Reams	Qrs.
1	8	12	16	18	24	32	36	1	2
2	16	24	32	36	48	64	72	2	4
3	24	36	48	54	72	96	108	3	6
4	32	48	64	72	96	128	144	4	8
5	40	60	80	90	120	160	180	5	10
6	48	72	96	108	144	192	216	6	12
7	56	84	112	126	168	224	252	7	14
8	64	96	128	144	192	256	288	8	16
9	72	108	144	162	216	288	324	9	18
10	80	120	160	180	240	320	360	11	
11	88	132	176	198	264	352	396	12	2
12	96	144	192	216	288	384	432	13	4
13	104	156	208	234	312	416	468	14	6
14	112	168	224	252	336	448	504	15	8
15	120	180	240	270	360	480	.....	16	10
16	128	192	256	288	384	512	.....	17	12
17	136	204	272	306	408	.....	.....	18	14
18	144	216	288	324	432	.....	.....	19	16
19	152	228	304	342	456	.....	.....	20	18
20	160	240	320	360	480	.....	.....	22	
21	168	252	336	378	504	.....	.....	23	2
22	176	264	352	396	.....	.....	.....	24	4
23	184	276	368	414	.....	.....	.....	25	6
24	192	288	384	432	.....	.....	.....	26	8
25	200	300	400	450	.....	.....	.....	27	10
26	208	312	416	468	.....	.....	.....	28	12
27	216	324	432	486	.....	.....	.....	29	14
28	224	336	448	504	.....	.....	.....	30	16
29	232	348	464	.....	.....	.....	.....	31	18
30	240	360	480	.....	.....	.....	.....	33	
31	248	372	496	.....	.....	.....	.....	34	2
32	256	384	512	.....	.....	.....	.....	35	4
33	264	396	528	.....	.....	.....	.....	36	6
34	272	408	544	.....	.....	.....	.....	37	8
35	280	420	560	.....	.....	.....	.....	38	10
36	288	432	576	.....	.....	.....	.....	39	12
37	296	444	592	.....	.....	.....	.....	40	14
38	304	456	608	.....	.....	.....	.....	41	16
39	312	468	.....	.....	.....	.....	.....	42	18
40	320	480	.....	.....	.....	.....	.....	44	

Printing Paper—The Sizes in Inches.

FLAT WRITING-PAPERS.

Flat Letter	10x16	Medium	18x23
Flat Cap.....	14x17	Check Folio.....	17x24
Double Flat Letter.....	16x20	Bank Folio	19x24
Flat Foolscap.....	13x16	Double Cap	17x18
Crown	15x19	Royal	19x24
Folio Post.....	17x22	Super Royal.....	20x28
Demy	16x21	Imperial	23x31

Of the different sizes there are also several different weights of each size, as Demy 20, 22, 24, 26 and 28 pounds per ream.

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Crown	15x19	Royal	19x24
Folio	17x22	Super Royal.....	20x31
Demy	16x21	Imperial	23x31
Elephant			23x28

BOOK AND NEWSPAPER.

Book and Newspaper can now be had in almost any sizes called for, and the modern facilities for the manufacture of Paper, enables printers and publishers to have any size made to order at short notice.

PAPER COUNTS.

24 Sheets.....	1 quire	2 reams.....	1 bundle
20 quires	1 ream	5 bundles.....	1 bale
10½ quires			1 token

UNITS OF ANYTHING.

12 pieces.....	1 dozen	12 gross.....	1 great gross
12 dozen.....	1 gross	20 units	1 score

Heat and Cold—Degrees to Freeze, Melt and Boil.

Degrees of Heat ABOVE Zero at which the following substances Melt :

Wrought Iron.....	3,980	Lead	594
Cast Iron	3,479	Tin	421
Gold	2,590	Arsenic	365
Copper	2,548	Sulphur	226
Steel	2,500	Beeswax	151
Glass	2,377	Gutta Percha	145
Brass	1,900	Tallow.....	97
Silver.....	1,250	Lard.....	95
Antimony	951	Pitch.....	91
Zinc	745	Ice	35

Degrees of Cold ABOVE Zero at which the following substances Freeze :

Olive Oil	36	Vinegar	28
Water	32	Wines	20
Milk	30	Spirits of Turpentine	14

Degrees BELOW Zero at which the following Freeze :

Brandy	7	Greatest Artificial Cold	220
Proof Spirit	7	Cold Experienced by Arctic	
Mercury	40	Navigators	70

Degrees of Heat ABOVE Zero at which the following substances Boil :

Alcohol	173	Linseed Oil	640
Water	212	Blood Heat	98
Petroleum	306	Eggs Hatch	104

A Woman's Chances of Marriage at Various Ages.

This curiously constructed exhibit, by Dr. Granville, is drawn up from the registered cases of 876 married women in France. Owing to the difference in our climate, it will be safe to say that French women are as mature at 18 as American women at 20. Of the 876 tabulated, there were married —

Marriages.		Years of Age.	Marriages.		Years of Age.
3	at	13	28	at	27
11	at	14	22	at	28
16	at	15	17	at	29
43	at	16	9	at	30
45	at	17	8	at	31
77	at	18	5	at	32
115	at	19	7	at	33
118	at	20	5	at	34
86	at	21	3	at	35
85	at	22	0	at	36
59	at	23	2	at	37
53	at	24	0	at	38
36	at	25	1	at	39
24	at	26	0	at	40

A careful examination of statistics has demonstrated that the best results would follow if our girls did not marry until at least 20 years of age, and our men until they were 25.

Wages Table.

WAGES CALCULATED ON A SCALE OF TEN HOURS LABOR PER DAY. THE TIME, IN HOURS AND DAYS IS NOTED IN THE LEFT HAND COLUMN, AND THE AMOUNT OF WAGES UNDER THE RESPECTIVE HEADINGS AS NOTED BELOW.

Wages.	\$1.00	\$1.5	\$2.00	\$2.50	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50	\$6.00
Hours.											
1	.1	.15	.2	.25	.3	.35	.4	.45	.5	.55	.6
2	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2
3	.3	.45	.6	.75	.9	1.05	1.2	1.35	1.5	1.65	1.8
4	.4	.6	.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4
5	.5	.75	1.0	1.25	1.5	1.75	2.0	2.25	2.5	2.75	3.0
6	.6	1.0	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
7	.7	1.1	1.4	1.7	2.0	2.3	2.6	2.9	3.2	3.5	3.8
8	.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8
9	.9	1.35	1.8	2.25	2.7	3.15	3.6	4.05	4.5	4.95	5.4

Days.											
1	.166	.25	.33	.41	.50	.58	.67	.75	.83	.91	1.00
2	.33	.50	.66	.83	1.00	1.16	1.33	1.50	1.66	1.83	2.00
3	.50	.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
4	.66	1.00	1.33	1.66	2.00	2.33	2.66	3.00	3.33	3.66	4.00
5	.83	1.25	1.66	2.08	2.50	2.91	3.33	3.75	4.16	4.58	5.00
6	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00

Wages.	\$1.50	\$7.00	\$7.50	\$8.00	\$9.00	\$10.00	\$11.00	\$12.00	\$13.00	\$14.00	\$15.00
Hours.											
1	.5	.6	.65	.7	.75	.8	.9	1.0	1.1	1.2	1.25
2	1.1	1.2	1.3	1.4	1.5	1.6	1.8	2.0	2.2	2.4	2.5
3	1.65	1.8	1.95	2.1	2.25	2.4	2.7	3.0	3.3	3.6	3.75
4	2.2	2.4	2.6	2.8	3.0	3.3	3.6	4.0	4.4	4.8	5.0
5	2.75	3.0	3.25	3.5	3.75	4.0	4.5	5.0	5.5	6.0	6.25
6	3.3	3.6	3.9	4.2	4.5	4.8	5.4	6.0	6.6	7.2	7.5
7	3.85	4.2	4.5	4.8	5.25	5.6	6.3	7.0	7.7	8.4	8.75
8	4.4	4.8	5.2	5.6	6.0	6.4	7.2	8.0	8.8	9.6	10.0
9	4.95	5.4	5.85	6.3	6.75	7.2	8.1	9.0	9.9	10.8	11.25

Days.											
1	1.08	1.16	1.25	1.34	1.50	1.66	1.83	2.00	2.17	2.33	2.50
2	2.16	2.32	2.50	2.68	3.00	3.33	3.66	4.00	4.34	4.66	5.00
3	3.25	3.50	3.75	4.00	4.50	5.00	5.50	6.00	6.51	6.99	7.50
4	4.33	4.66	5.00	5.33	6.00	6.66	7.33	8.00	8.66	9.33	10.00
5	5.41	5.83	6.25	6.66	7.50	8.33	9.16	10.00	10.85	11.66	12.50
6	6.50	7.00	7.50	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00

THE HORSE.—A horse will live 25 days without solid food, merely drinking water; 17 days without either eating or drinking; and only 5 days when eating solid food without drinking.

Fishery and Game Laws in Ontario and Quebec.

CLOSE SEASONS FOR FISH.

	ONTARIO.	QUEBEC.
Pickeral (Dore) cannot be caught	From 15th April to 15th May.....	From 15th April to 15th May.....
Maskinonge.....	From 15th April to 15th May.....	From 15th April to 15th May.....
Bass.....	From 15th May to 15th June.....	From 15th April to 15th May.....
Salmon (with nets).....	.....	From 1st August to 1st May.....
Salmon (with the fly).....	.....	From 1st September to 1st May.....
Speckled Trout, Brook or River Trout.....	From 15th September to 1st May..	From 1st October to 31st December
Salmon Trout and Lake Trout.....	From 1st to 16th November.....	From 15th October to 1st December
Whitefish.....	From 1st to 16th November.....	From 10th Novem. to 1st December

CLOSE SEASONS FOR GAME.

	ONTARIO.	QUEBEC.
Deer and Cariboo cannot be killed	From 15th December to 1st October.	From 1st February to 1st September.
Moose and Elk.....	From 15th December to 1st October.	From 1st February to 1st September.
Partridge, Pheasants, Grouse, etc.....	From 1st January to 1st September.	From 1st March to 1st September.

Wild Turkey and Quail
Woodcock.....
Snipe.....
Duck.....
Swans and Geese.....
Hares.....
Wild Cat, Marten and
Fisher.....
Mink.....
Otter.....
Beaver.....
Muskrat.....

From 1st January to 1st October...
From 1st January to 1st August...
From 1st January to 15th August...
From 1st January to 15th August...
From 1st May to 15th August....
From 1st March to 1st September...
From 1st May to 1st November....
From 1st April to 1st November...
From 1st May to 1st November...
From 1st May to 1st November...
From 1st May to 1st November....

From 1st March to 1st September.
From 1st March to 1st September.
From 1st May to 1st September.
From 1st May to 1st September.
From 1st February to 1st September.
From 15th April to 1st November.
From 15th April to 15th October.
From 1st May to 1st October.
From 30th April to 1st September.
From 1st May to 1st April

Net or seine fishing without licenses is prohibited.
Nets must be raised from Saturday night until
Monday morning of each week.
Nets cannot be set or seines used so as to bar
channels or bays. Indians are forbidden to fish
illegally the same as white men.

Each person guilty of violating these regulations is
liable to fine and costs, or in default of payment is
subject to imprisonment.

No person shall, during such prohibited times, fish
for, catch, kill, buy, sell, or have in possession any
of the kinds of Fish or Game mentioned above.

Seven Wonders of the World.—The name given to seven very remarkable objects of the ancient world :—The Pyramids of Egypt ; Pharos of Alexandria ; Walls and hanging Gardens of Babylon ; Temple of Diana at Ephesus ; The Statue of the Olympian Jupiter ; Mausoleum of Artemisia ; Colossus of Rhodes.

Seven Wise Men of Greece.—These men, distinguished for their practical sagacity and wise maxims on the principles of life, flourished in Greece in the sixth century, B. C. Their names were : SOLOMON, CHILO, PITTACUS, BIAS, PERIANDER, CLEOBULUS and THALES.

The Seven Hills of Rome.—The Seven Hills upon which Rome is built are the Aventine, Capitoline, Caelian, Esquiline, Palatine, Quirinal and Viminal. Their altitude above the Tiber is only about one hundred and fifty feet.

Rates of Mortality.

THE CARLISLE TABLES, showing how many persons out of 10,000 will die annually, on the average, until all are deceased. These tables are used by all Life Insurance Companies in their computation of risks, premiums, etc.

Year.	No. Alive.	Deaths.	Year.	No. Alive.	Deaths.
At Birth.	10000	1539	37	5251	57
1	8461	682	38	5194	58
2	7779	505	39	5136	61
3	7274	276	40	5075	66
4	6998	201	41	5009	69
5	6797	121	42	4940	71
6	6670	82	43	4869	71
7	6594	58	44	4798	71
8	6536	48	45	4727	70
9	6493	33	46	4657	69
10	6460	29	47	4588	67
11	6431	31	48	4521	63
12	6400	32	49	4458	61
13	6368	33	50	4397	59
14	6335	35	51	4338	62
15	6300	39	52	4276	65
16	6261	42	53	4211	68
17	6219	43	54	4143	70
18	6176	43	55	4073	73
19	6133	43	56	4000	76
20	6090	43	57	3924	82
21	6047	42	58	3842	93
22	6005	42	59	3749	106
23	5963	42	60	3633	122
24	5921	42	61	3521	126
25	5879	43	62	3395	127
26	5836	43	63	3268	125
27	5793	45	64	3143	125
28	5748	50	65	3018	124
29	5698	56	66	2894	123
30	5642	57	67	2771	123
31	5585	57	68	2648	123
32	5528	56	69	2525	124
33	5472	55	70	2401	124
34	5417	55	71	2277	134
35	5362	55	72	2143	146
36	5307	56	73	1997	136

Rates of Mortality.—Concluded.

Year.	No. Alive.	Deaths.	Years.	No. Alive.	Deaths.
74	1841	166	90	142	37
75	1675	160	91	105	30
76	1515	156	92	75	21
77	1359	146	83	54	14
78	1213	132	94	40	10
79	1081	128	95	30	7
80	953	116	96	23	5
81	837	112	97	18	4
82	725	102	98	14	3
83	623	94	99	11	2
84	529	84	100	9	2
85	445	78	101	7	2
86	367	71	102	5	2
87	296	64	103	3	2
88	232	51	104	1	1
89	181	39			

Antidotes for Poisons.

When the poison is unknown, give a prompt emetic of warm water and mustard, ipecac. or salt water, and then give white of eggs freely, lard, olive or other bland oil, except in case of phosphorus poisoning. If the source of poisoning is known, the following treatment will be indicated :

For Arsenic or White Precipitate.—Give a prompt emetic, followed by a mixture of chalk and castor oil, until sesquioxide of iron can be obtained from the druggist.

For Lead Poisoning.—Corrosive Sublimate, Saltpetre, White Vitriol, Blue Vitriol, Vermilion.—A prompt emetic, followed by white of egg, and fresh milk given freely.

For Lye Poisoning.—Give freely of oil or warm lard and white of egg followed by warm water and mustard, or ipecac.

Nitrate of Silver, or Lunar Caustic.—Use moderately of strong solution of common salt and then give freely of fresh milk.

For Strychnia and its salts.—An emetic, followed by tannic acid and chlorine.

For Carbolic Acid.—Olive or castor oil, given freely.

For Ammonia, Caustic Soda, Caustic Potash.—Give oil freely ; and afterward give water with vinegar, or lemon juice in it.

For Opium, Laudanum, Morphine, Aconite, Belladonna, Digitalis.—A prompt emetic, followed by strong coffee ; cold applica-

tions to shock the system. Lower the head to cause flow of blood to the brain ; keep in motion.

A good emetic is one teaspoonful of salt mixed with one teaspoonful of mustard in a pint of warm water.

For eruptions caused by poison oak or ivy, the following prescription is most valuable. Have it filled at the druggist's :

R. Acid Carbolic half a drachm.
 Ol. Sassafras and Ol Juniper. . each one drachm.
 Ung. Zinc Oxide (Benz.) one ounce.
 Apply two or four times daily.

Chemical Names for Some of the More Common Drugs.

Alcohol	Aqua Vitæ.
Blue Vitriol.....	Sulphate of Copper.
Calomel.....	Chloride of Mercury.
Chalk.....	Carbonate of Lime.
Chloroform.....	Chloral Hydrate.
Corrosive Sublimate.....	Bi-chloride of Mercury.
Epsom Salts.....	Sulphate of Magnesia.
Glauber's Salts	Sulphate of Sodium.
Green Vitriol.....	Ferrous Sulphate.
Glucose.....	Grape Sugar.
Lime	Oxide of Calcium.
Lunar Caustic.....	Nitrate of Silver.
Oil of Vitriol.....	Sulphuric Acid.
Potash.....	Oxide of Potassium.
Plaster of Paris.....	Gypsum.
Red Lead.....	Oxide of Lead.
Salt (common).....	Chloride of Sodium..
Saltpetre.....	Nitrate of Potassium.
Soda.....	Carbonate of Sodium.
Sugar of Lead.....	Acetate of Lead.
Verdigris.....	Sub-acetate of Copper.
Vinegar.....	Acetic Acid.
Volatile Alkali.....	Ammonia.
White Vitriol.....	Sulphate of Zinc.
White Zinc.....	Oxide of Zinc.

Miscellaneous Rules of Etiquette.

Scolding and snarling are exceedingly ill-bred.

Be prompt and punctual in all your engagements.

Never read the letters of other people unless invited to do so.

Never turn the misfortunes of others into ridicule.

Never leave home with unkind words on your lips.

Never write your own remarks in a borrowed book.

Never lend a borrowed book, unless special permission has been given.

A lady should never speak of a gentleman by his surname without a prefix.

Beware of answering "Personals." What seems sport may turn out very disastrously.

It is impolite to speak of persons, with whom you are but slightly acquainted, by their first name.

Never look over the shoulder of another person who is reading or writing.

When in company, do not try to attract the attention of some one by signals, a cough, a poke, or a nudge.

Do not examine the cards in a card-receiver, where you are calling.

Spitting, when in company, is as vulgar as it is disgusting.

Loud talking and laughing, by ladies, is at all times unbecoming.

It is impolite to assume a lounging attitude in company.

Gentlemen should never allude to conquests over the other sex.

The man who will insult a social inferior is nothing better than a boor.

Keep your own performances, or achievements, in the background.

To answer a civil question rudely is a gross breach of etiquette.

Gentlemen should never stand on the hearth-rug, with their backs to the fire at home or abroad.

The man who makes remarks in disparagement of a woman is deserving a rebuke.

Too great familiarity towards a new acquaintance is in bad taste.

To swing the foot, or tap monotonously with the feet, or to drum with the fingers on a table or a window, are all breaches of decorum.

It is extremely rude, and a most dangerous experiment, to recommend remedies to a person who is under the care of a physician.

An invalid, an elderly person, or a lady, must be given the most comfortable chair in the room, and must be allowed to select the light and temperature.

It is a breach of good manners, and a violation of common sense, to laugh at your own wit.

Gentlemen and ladies will never be guilty of personalities in conversation.

No gentleman will assume to dictate to a lady, as to the gentlemen who are permitted to attend her.

Gentlemen and ladies of true culture will be careful of their deportment in all places, and at all times.

Their urbanity will appear at home, as uniformly as among strangers.

Quiet, unassuming behaviour, is indicative of cultivation.

A loud, boisterous manner belongs to the rustic boor.

There is no surer sign of ill-breeding than rudeness towards dependents.

It is not an essential principle of democracy to be rude and dirty.

In this country, the means of education and culture are open to all. Hence, Canadians should be exceptionally intelligent and polite.

The aristocracy of older countries have no monopoly of culture.

Well-bred persons avoid being conspicuous, either in dress or behaviour.

The use of slang words and phrases should never be indulged, either in public or private.

Fussy people are social nuisances.

The essence of true politeness consists in the habitual observance of the golden rule. Do to others, as you would have them do to you.

Seek to make others comfortable and happy, and you will rarely be deemed impolite.

Digestion of Food.

The following table shows the time, in hours and minutes, required for the digestion of the more common articles of food.

KIND OF FOOD.	Hrs.	Min.	KIND OF FOOD.	Hrs.	Min.
Rice, boiled	1	..	Eggs, soft boiled	3	..
Eggs, whipped	1	30	Beefsteak, broiled	3	..
Trout, fresh, fried	1	30	Mutton, broiled	3	..
Soup, Barley, boiled	1	30	Mutton, boiled	3	..
Apples, sweet, raw	1	30	Soup, bean, boiled	3	..
Venison Steak, broiled	1	45	Chicken soup, boiled	3	..
Sago, boiled	1	45	Pork, salt, broiled	3	15
Tapioca, boiled	2	..	Mutton, roasted	3	15
Barley, boiled	2	..	Bread, corn, baked	3	15
Milk, boiled	2	..	Carrot, boiled	3	15
Liver, Beef, broiled	2	..	Sausage, broiled	3	20
Eggs, fresh, raw	2	..	Oysters, stewed	3	30
Apples, sour, raw	2	..	Butter	3	30
Cabbage, raw	2	..	Cheese, old	3	30
Milk	2	15	Bread, fresh, baked	3	30
Eggs, roasted	2	15	Turnips, flat, boiled	3	30
Goose, roasted	2	15	Potatoes, Irish, boiled	3	30
Turkey, roasted	2	30	Eggs, hard boiled	3	30
Cake, Sponge, baked	2	30	Green Corn, boiled	3	45
Hash, warmed	2	30	Beans and Beets, boiled	3	45
Beans, pod, boiled	2	30	Salmon, salted, boiled	4	..
Parsnips, boiled	2	30	Veal, fresh, fried	4	30
Potatoes, Irish, baked	2	30	Cabbage, boiled	4	30
Custard, baked	2	50	Suet, beef, boiled	5	30
Oysters, raw	2	55			

Food and Drink.

WARMTH AND STRENGTH DERIVED FROM VARIOUS ARTICLES OF FOOD AND DRINK.

Grains of Strength yielded by one pound of 7,000 grains.

Grains of Warmth yielded by one pound of 7,000 grains.

	GRAINS.		GRAINS.
Beer or Porter.....	1	Skim Milk Cheese.....	360
Parsnips.....	12	Turnips.....	238
Turnips.....	12	Beer and Porter.....	315
Greens.....	14	Buttermilk.....	335
Potatoes.....	24	New Milk.....	378
Skimmed Milk.....	34	Carrots.....	390
New Milk.....	35	Parsnips.....	425
Buttermilk.....	35	Potatoes.....	770
Barley.....	70	Fresh Fish.....	980
Rice.....	70	Beef Liver.....	1,220
Bacon.....	78	Red Herrings.....	1,453
Rye Bread.....	89	Baker's Bread.....	1,990
Baker's Bread.....	90	Fresh Beef.....	2,300
Pearl Barley.....	91	Molasses.....	2,300
Fresh Pork.....	108	Skim Milk Cheese.....	2,350
Seconds Flour.....	120	Cheddar Cheese.....	2,550
Corn Meal.....	125	Rye Bread.....	2,700
Fresh Fish.....	129	Rice.....	2,750
Cocoa.....	130	Barley Meal.....	2,780
Oatmeal.....	140	Indian Meal.....	2,800
Mutton.....	140	Sugar.....	2,900
Fresh Beef.....	172	Fresh Pork.....	3,100
Beef Liver.....	200	Bacon.....	4,200
Split Peas.....	250	Butter.....	4,700
Cheddar Cheese.....	310	Lard.....	4,800

Percentage of Nutrition in Various Articles of Food.

Raw Cucumbers.....	2	Roast Poultry.....	26
Raw Melons.....	3	Raw Beef.....	26
Boiled Turnips.....	4 $\frac{1}{2}$	Raw Grapes.....	27
Cabbage.....	7 $\frac{1}{2}$	Broiled Mutton.....	30
Currants.....	10	Oatmeal Porridge.....	75
Whipped Eggs.....	13	Rye Bread.....	79
Beets.....	14	Boiled Beans.....	37
Apples.....	16	Boiled Rice.....	88
Peaches.....	20	Barley Bread.....	88
Boiled Codfish.....	21	White Bread.....	90
Broiled Venison.....	22	Baked Corn Bread.....	91
Potatoes.....	22 $\frac{1}{2}$	Boiled Barley.....	92
Roast Pork.....	24	Butter.....	92

Principal Countries of the World,

WITH THEIR AREA, POPULATION AND CAPITALS.

Country.	Sq. Miles.	Population.	Capital.
Chinese Empire	3,924,627	433,000,000	Pekin.
British Empire	7,778,347	237,391,788	London.
Russian Empire	8,404,767	86,952,347	St. Petersburg.
United States	3,026,504	50,152,559	Washington.
German Empire	208,744	42,727,262	Berlin.
Austria-Hungary	240,940	37,700,000	Vienna.
France	204,096	36,905,738	Paris.
Japan	156,604	33,200,000	Tokio.
G't Britain and Ireland.	121,230	34,160,000	London.
Turkey	860,562	31,669,147	Constantinople
Italy	114,406	27,769,475	Rome.
Spain	105,775	10,835,506	Madrid.
Brazil	13,275,326	10,108,291	Rio de Janeiro.
Mexico	751,540	9,276,079	Mexico.
Persia	648,000	6,500,000	Teheran.
Morocco	260,000	600,000	Morocco.
Siam	310,000	5,700,000	Bangkok.
Roumania	49,000	5,376,000	Bucharest.
Belgium	11,373	5,336,185	Brussels.
Egypt	212,600	5,250,000	Cairo.
Portugal	35,812	4,441,037	Lisbon.
Norway and Sweden ...	170,980	4,429,713	Stockholm.
Canada	3,372,290	4,324,810	Ottawa.
Holland (Netherlands) ..	12,680	3,579,529	Amsterdam.
Abyssinia	158,000	3,000,000	Magdala.
Columbia	432,400	2,951,211	Bogota.
Switzerland	15,991	2,776,035	Berne.
Peru	502,760	2,669,945	Lima.
Chili	130,977	2,375,971	Santiago.
Denmark	14,553	1,912,142	Copenhagen.
Norway	122,280	1,806,900	Christiania.
Venezuela	368,235	1,784,197	Caracas.
Bolivia	500,870	1,742,352	Chuquisaca.
Argentine Republic ...	871,000	1,715,681	Buenos Ayres.
Servia	18,787	1,720,270	Belgrade.
Greece	19,941	1,457,894	Athens.
Guatemala	40,778	1,190,754	Guatemala.
Ecuador	218,984	1,100,000	Quito.
Haiti	29,000	1,000,000	Port-au-Prince.
Liberia	25,000	1,000,000	Monrovia.
San Salvador	9,500	600,000	San Salvador.
Uruguay	70,000	455,000	Montevideo.

Number of Window Lights per Box of 50 Feet.

SIZE.	NUMBER.	SIZE.	NUMBER.	SIZE.	NUMBER.
6 by 8.....	150	13 by 24.....	23	16 by 60.....	8
7 " 9.....	115	13 " 26.....	21	18 " 20.....	20
8 " 10.....	90	13 " 28.....	20	18 " 22.....	18
8 " 11.....	82	13 " 30.....	19	18 " 24.....	17
8 " 12.....	75	13 " 32.....	17	18 " 26.....	16
9 " 11.....	73	14 " 15.....	34	18 " 28.....	14
9 " 12.....	67	14 " 16.....	32	18 " 30.....	14
9 " 13.....	62	14 " 17.....	31	18 " 32.....	13
9 " 14.....	57	14 " 18.....	29	18 " 34.....	12
9 " 15.....	53	14 " 20.....	26	18 " 36.....	11
9 " 16.....	50	14 " 22.....	24	19 " 38.....	11
9 " 18.....	45	14 " 24.....	22	18 " 40.....	10
10 " 12.....	60	14 " 26.....	20	18 " 42.....	10
10 " 13.....	55	14 " 28.....	19	18 " 44.....	9
10 " 14.....	52	14 " 30.....	17	18 " 46.....	9
10 " 15.....	48	14 " 32.....	16	18 " 50.....	8
10 " 16.....	45	14 " 34.....	15	18 " 52.....	8
10 " 17.....	43	14 " 36.....	14	18 " 56.....	7
10 " 18.....	40	14 " 38.....	14	18 " 60.....	7
10 " 20.....	36	14 " 40.....	13	20 " 22.....	16
10 " 22.....	33	14 " 42.....	12	20 " 24.....	15
10 " 24.....	30	14 " 44.....	12	20 " 26.....	14
10 " 26.....	28	14 " 46.....	11	20 " 28.....	13
10 " 28.....	26	15 " 16.....	30	20 " 30.....	13
10 " 30.....	24	15 " 18.....	27	20 " 32.....	11
11 " 12.....	55	15 " 20.....	24	20 " 34.....	11
11 " 13.....	51	15 " 22.....	22	20 " 36.....	10
11 " 14.....	47	15 " 24.....	20	20 " 38.....	10
11 " 15.....	44	15 " 26.....	19	20 " 40.....	9
11 " 16.....	41	15 " 28.....	17	20 " 42.....	9
11 " 17.....	39	15 " 30.....	16	20 " 44.....	8
11 " 18.....	37	15 " 32.....	15	20 " 46.....	8
11 " 20.....	33	14 " 34.....	14	20 " 48.....	8
11 " 22.....	30	15 " 36.....	13	20 " 50.....	7
11 " 24.....	27	15 " 38.....	13	20 " 54.....	7
12 " 14.....	43	15 " 40.....	12	20 " 58.....	6
12 " 15.....	40	16 " 16.....	28	20 " 64.....	6
12 " 16.....	38	16 " 18.....	25	22 " 24.....	14
12 " 17.....	35	16 " 20.....	23	22 " 26.....	13
12 " 18.....	34	16 " 22.....	21	22 " 28.....	12
12 " 20.....	30	16 " 24.....	19	22 " 30.....	11
12 " 22.....	27	16 " 26.....	17	22 " 32.....	10
12 " 24.....	25	16 " 28.....	16	22 " 34.....	10
12 " 26.....	23	16 " 30.....	15	22 " 36.....	9
12 " 28.....	22	16 " 32.....	14	22 " 38.....	9
12 " 30.....	20	16 " 34.....	13	22 " 40.....	8
12 " 32.....	19	16 " 36.....	13	22 " 42.....	8
12 " 34.....	18	16 " 38.....	12	22 " 44.....	7
12 " 36.....	17	16 " 40.....	11	22 " 48.....	7
13 " 14.....	40	16 " 42.....	11	22 " 50.....	7
13 " 15.....	37	16 " 44.....	10	22 " 52.....	6
13 " 16.....	35	16 " 46.....	10	22 " 56.....	6
13 " 18.....	31	16 " 48.....	9	22 " 60.....	5
13 " 20.....	28	16 " 52.....	8	24 " 24.....	13
13 " 22.....	25	16 " 54.....	8	24 " 26.....	12

No. Brick required to Construct any Building.

(Reckoning 7 Brick to each superficial foot).

Superficial Feet of Wall.	Number of Bricks to Thickness of					
	4 inch.	8 inch.	12 inch.	16 inch.	20 inch.	24 inch.
1.....	7	15	23	30	38	45
2.....	15	30	45	60	75	90
3.....	23	45	68	90	113	135
4.....	30	60	90	120	150	180
5.....	38	75	113	150	188	225
6.....	45	90	135	180	225	270
7.....	53	105	158	210	263	315
8.....	60	120	180	240	300	360
9.....	68	135	203	270	338	405
10.....	75	150	225	300	375	450
20.....	150	300	450	600	750	900
30.....	225	450	675	900	1,125	1,350
40.....	300	600	900	1,200	1,500	1,800
50.....	375	750	1,125	1,500	1,875	2,250
60.....	450	900	1,350	1,800	2,250	2,700
70.....	525	1,050	1,575	2,100	2,625	3,150
80.....	600	1,200	1,800	2,400	3,000	3,600
90.....	675	1,350	2,025	2,700	3,375	4,050
100.....	750	1,500	2,250	3,000	3,750	4,500
200.....	1,500	3,000	4,500	6,000	7,500	9,000
300.....	2,250	4,500	6,750	9,000	11,250	13,500
400.....	3,000	6,000	9,000	12,000	15,000	18,000
500.....	3,750	7,500	11,250	15,000	18,750	22,500
600.....	4,500	9,000	13,500	18,000	22,500	27,000
700.....	5,250	10,500	15,750	21,000	26,250	31,500
800.....	6,000	12,000	18,000	24,000	30,000	36,000
900.....	6,750	13,500	20,250	27,000	33,750	40,500
1000.....	7,500	15,000	22,500	30,000	37,500	45,000

Facts for Builders.

1000 shingles, laid 4 inches to the weather, will cover 100 square feet of surface, and 5 lbs. of shingle nails will fasten them on.

One-fifth more siding and flooring is needed than the number of square feet of surface to be covered, because of the lap in the siding and matching.

1000 laths will cover 70 yards of surface, and 11 lbs. of lath nails will nail them on. 8 bushels of good lime, 16 bushels of sand, and 1 bushel of hair, will make enough good mortar to plaster 100 square yards.

A cord of stone, three bushels of lime, and a cubic yard of sand, will lay 100 cubic feet of wall.

5 courses of brick will lay 1 foot in height on a chimney, 16 bricks in a course will make a flue 4 ins. wide and 12 ins. long, and 8 bricks in a course will make a flue 8 ins. wide and 16 ins. long.

Cement 1 bush. and sand 2 bush. will cover $3\frac{1}{2}$ sq. yds. 1 inch thick, $4\frac{1}{2}$ sq. yds. $\frac{1}{2}$ inch thick, and $6\frac{1}{2}$ sq. yds. $\frac{1}{4}$ inch thick. 1 bush. cement and 1 of sand will cover $2\frac{1}{2}$ sq. yds. 1 inch thick, 3 sq. yds. $\frac{1}{2}$ inch thick, and $4\frac{1}{2}$ sq. yds. $\frac{1}{4}$ inch thick.

Scripture Coins, Weights and Measures.

Jewish Money reduced to the American Standard.

	Dollars.	Cents.
A Gerah	0	2.5
10 = A Bekah	0	25.09
20 = 2 = A Shekel	0	50.187
1,200 = 120 = 50 = A Maneh, or Mina (Hebrew)	25	9.25
60,000 = 6,000 = 3,000 = 60 = A Talent	1,505	62.45
A Solidus Aureus, or Sextula, was worth	2	64.09
A Siclus Aureus, or Gold Shekel, was worth	8	3
A Talent of Gold was worth	24,309	0

Jewish Weights reduced to English Troy Weight.

	Lb.	Oz.	Dwt.	Gr.
The Gerah, one-twentieth of a Shekel	0	0	0	12
The Bekah, half a Shekel	0	0	5	0
The Shekel	0	0	10	0
The Maneh, 60 Shekels	2	6	0	0
The Talent, 50 Manehs, or 3,000 Shekels	125	0	0	0

Scripture Liquid Measure reduced to English Wine Measure.

	Gal.	Pints.
A Caph	0	0.625
1.3 = A Log	0	0.833
5.3 = 4 = A Cab	0	3.333
16 = 12 = 3 = A Hin	1	2
32 = 24 = 6 = 2 A Seah	2	4
96 = 72 = 18 = 6 = 3 = A Bath, Ephah, or Firkin	7	4.50
960 = 730 = 180 = 60 = 30 = 10 = A Kor, Choros, or Homer	75	5.25

Scripture Dry Measure reduced to English Corn Measure.

	Bush.	Pks.	Gal.	Pints.
A Gachal	0	0	0	0.141
20 = A Cab	0	0	0	2.833
36 = 1.8 = An Omer, or Gomer	0	0	0	5.1
120 = 6 = 3.3 = A Seah	0	1	0	1
360 = 18 = 10 = 3 = An Ephah	0	3	0	3
1,800 = 90 = 50 = 15 = 5 = A Letech	4	0	0	0
3,600 = 180 = 100 = 30 = 10 = 2 = A Homer, or Kor	8	0	0	1

The Canada Temperance Act of 1878.

(THE SCOTT ACT.)

Summary showing the votes cast for and against the Act in various Counties of the Dominion, from October 31st, 1878, to November 7th, 1884, inclusive :

PLACE.	Votes Polled in 1st Election.		Votes Polled in 2nd Election.	
	For	Against.	For	Against.
Fredericton (City), N.B.	403	203	293	252
York, N.B.	1229	214		
Prince, P.E.I.	2062	271	2939	1065
Charlotte, N.B.	867	149		
Carleton, N.B.	1215	96		
Charlottetown (city), P.E.I.	827	253		
Albert, N.B.	718	114		
King's P.E.I.	1076	59		
Lambton, Ont.	2567	2352	2988	3073
King's N.B.	798	245		
Queen's, N.B.	500	315		
Westmoreland, N.B.	1082	299	1774	1701
Megantic, Que.	372	841		
Northumberland, N.B.	875	673		
Stanstead, Que.	760	941		
Queen's, P.E.I.	1317	99		
Marquette, Manitoba.	612	195		
Digby, N.B.	944	42		
Queen's, N.S.	763	82		
Sunbury, N.B.	176	41		
Shelburne, N.S.	807	154		
Lisgar, Man.	247	120		
Hamilton (city), Ont.	1661	2811		
King's N.S.	1477	108		
Halton, Ont.	1483	1402	1947	1767
Annapolis, N.S.	1111	114		
Wentworth, Ont.	1611	2202		
Colchester, N.S.	1418	184		
Cape Breton, N.S.	739	216		
Hants, N.S.	1028	92		
Welland, Ont.	1610	2378		
Inverness, N.S.	960	106		
Total vote forward	33315	17371	10241	7858

The Canada Temperance Act of 1878—Continued.

PLACE.	Votes Polled in 1st Election.		Votes Polled in 2nd Election.	
	For	Against.	For	Against
Brought forward.....	33315	17371	10241	7858
Pictou, N.S.....	1555	453		
St. John, N. B.....	1074	1074		
Cumberland, N.S.....	1560	262		
Yarmouth, N.S.....	1300	96		
Oxford, Ont.....	4073	3298		
Athabaska, Que.....	1487	235		
Peel, Ont.....	1805	1999		
Stormont, Ont.....		....	
Dundas, ".....	*1700	....	
Glengarry, ".....		....	
Dufferin, ".....	*800	....	
Bruce, ".....	4501	3189		
Prince Edward, Ont.....		*125		
Huron, Ont.....	*1603	....	
Total.....	54770	28102	10241	7858

* Majority only given, official returns not yet received.

Preparations are in progress for submitting the Act in the following additional places :—

Russell and Prescott, Ont.	Grey, Ont.	Middlesex, Ont.
Carleton, Ont.	Brant, "	Wellington, "
Leeds and Grenville, Ont.	Elgin, "	Lincoln, Ont.
Lennox and Addington, Ont.	Norfolk, Ont.	Brantford (city), Ont.
Northumberland and Durham, Ont.	Renfrew, Ont.,	
	Perth, Ont.	St. Thomas (city), Ont.
Ontario, Ont.	Lambton, Ont.	Guelph (city), Ont.
York, "	Lanark, Ont.	Kingston (city), Ont.
Essex, "	Kent, Ont.	Toronto (city), Ont.

Interesting Bible Facts.

These were compiled by a convict sentenced to life confinement for murder.

The Bible contains 3,566,480 letters, 773,765 words, 31,173 verses, 1,139 chapters and 66 books. The shortest verse is the 35th verse of the 11th chapter of St. John. The word *and* occurs 46,277 times. The word *Lord* occurs 1,855 times. The word *Reverend* occurs but once. The 21st verse of the 7th chapter of Ezra contains all the letters of the alphabet except J. The longest verse is the 9th verse of the 8th chapter of Esther. There are no words or names of more than six syllables.

Selections for the Album.

The individual is frequently called upon for his or her autograph. In complying, it is customary to couple with the same a sentiment, signing the name beneath. If the matter written is original, be it long or short, it is usually more highly valued. If a brief selection be made, some of the following quotations may be appropriate :

If others be as fair,
What are their charms to me ?
I neither know nor care,
For thou art all to me.

Purchase not friends by gifts, when thou ceasest to give, such will cease to love.

Old time will end our story,
But no time, if we end well, will end our glory.

The most delicate, the most sensible of all pleasures, consists in promoting the pleasures of others.

Desire not to live long but to live well ;
How long we live, not years, but actions tell.

Who does the best his circumstance allows,
Does well, acts nobly ; angels could do no more.

He who sedulously attends, pointedly asks, calmly speaks, coolly answers and ceases when he has no more to say, is in the possession of some of the best requisites of a man.

Peruse these simple rhymes,
If ever you read any,
And think of me, sometimes
Among the many.

May you through life remain the same,
Unchanged in all except your name.

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